

Suite 3700

1 South Wacker Dr.

Chicago, IL 60606

Project: Tocon Property Asbestos

Attention: Chris Burns

EMSL Order: 351606143 Customer ID: TEHC25

Customer PO: Project ID:

Phone: (312) 201-7700

Fax:

Received Date: 08/26/2016 9:20 AM

Analysis Date: 08/26/2016 **Collected Date**: 08/25/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc	Notes
1	TPA-N2-016-082516	8/25/2016	2980.40	<5.5	100	0.001	<7.01	<0.001	
351606143-0001									
2	TPA-N1-017-082516	8/25/2016	3772.98	<5.5	100	0.001	<7.01	<0.001	
351606143-0002									
3	TPA-NE-018-082516	8/25/2016	3322.82	<5.5	100	0.001	<7.01	<0.001	
351606143-0003									
4	TPA-W2-019-082516	8/25/2016	2980.40	<5.5	100	0.001	<7.01	<0.001	
351606143-0004									
5	Field Blank 20	8/25/2016		<5.5	100		<7.01		Field Blank
351606143-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

George Sullivan PCM (5)

Rachel Travis, Laboratory Manager or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

OrderID: 351606143



Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

(0/43

EMSL ANALYTICAL, INC.

PHONE: (

					EMGI	-Bill to: ☐ Same ⊠ Di	ifferent		
Company : Tetra Tec	h					Different note instructions in Co			
Street: 1 S Wacker Di	rive			Third Party	Billing	requires written authorizati	on from third party		
City: Chicago		State/P	rovince: IL	Zip/Postal Cod	le: 606	506 Cour	ntry: United States		
Report To (Name): C	hris Burns and	d Andre E	Baker	Fax #:					
Telephone #: 312.20 312.201.7760	1.7719			Email Address: Chris.burns@tetratech.com Andre.baker@tetratech.com					
Project Name/Numbe					- 12	 			
Please Provide Resu	lts: 🔲 Fax	⊠ Email				J.S. State Samples Tak	en: Indiana		
3 Hour 6	Hour 🔯	24 Hour	around Time (TAT) 48 Hour	72 Hour	se Gn	96 Hour 🔯 1 Weel	k 2 Week		
*For TEM Air 3 hr through	6 hr, please call a	head to sch	nedule. There is a premiu	m charge for 3 Hour	TEM A	AHERA or EPA Level II TAT.	You will be asked to sign		
en authorization fo	erm for this service.	. Analysis	TEM - Air 4-4.	•		conditions located in the Analy TEM- Dust	лісаї Ртісе Guide.		
NIOSH 7400			AHERA 40 CF	· · ·	July;	☐ Microvac - ASTM	D 5755		
W/ OSHA 8hr. TW/	4			ι, ι αιτ / σσ		☐ Wipe - ASTM D64			
PLM - Bulk (reporting			☐ EPA Level II			1 = '	n (EPA 600/J-93/167)		
☐ PLM EPA 600/R-93			☐ ISO 10312			Soil/Rock/Vermiculi			
PLM EPA NOB (<1			TEM - Bulk				A (0.25% sensitivity)		
Point Count	•		TEM EPA NOB			☐ PLM CARB 435 -	B (0.1% sensitivity)		
. 🔲 400 (<0.25%) 🔲 10	000 (<0.1%)		☐ NYS NOB 198.4	4 (non-friable-NY)	☐ TEM CARB 435 -	B (0.1% sensitivity)		
Point Count w/Gravime	etric		☐ Chatfield SOP				C (0.01% sensitivity)		
☐ 4 00 (<0.25%) ☐ 10	☐ TEM Mass Ana		c. 2.5		· · · · · · · · · · · · · · · · · · ·				
NYS 198.1 (friable	TEM - Water: EPA			☐ EPA Protocol (Qu	uantitative)				
☐ NYS 198.6 NOB (r	non-friable-NY)		Fibers >10µm		•	Other:			
☐ NIOSH 9002 (<1%			All Fiber Sizes						
	∐ Che	ck For P	ositive Stop – Cle	early Identify H	omo	genous Group			
Samplers Name: And	re Baker			Samplers Sigi	nature		3		
Sample #			Sample Description	<u> </u>		Volume/Area (Air) HA # (Bulk)	Date/Time Sampled		
1	 TPA-N2-016-1	082516				2980.40 L	8/25/16		
2	TPA-N1-017-					3772.98 L	8/25/16		
3	TPA-NE-018-					3322.82 L	8/25/16		
4	TPA-W2-019-	-082516				2980.40 L	8/25/16		
5	Field Blank 2	<u>:</u> 0							
6									
7									
	<u> </u>								
Client Sample # (s):			-			Total # of Samples:	4		
Relinquished (Client): Andre Bal	(er	Date:	8/25/1	6	Time			
Received (Lab): A	Structions: D	CM Same	Date:	8/20	Q//	G Time	9:20		
TEM has 1 Week TAT	Please inv	voice Der	nnis Linley (dlinley		.com)	CT Labs and Copy Rep	port		
Controlled Document - Asbestos COC - R	2 - 1/12/2010	0// 0//	10-00 5-						



14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

http://www.EMSL.com

minneapolislab@emsl.com

EMSL Order: CustomerID: 351606143 TEHC25

CustomerPO:

ProjectID:

Chris Burns
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700

Chicago, IL 60606

Fax:

Phone:

(312) 201-7700

Received: Analysis Date: 08/26/16 9:20 AM 9/1/2016

Collected:

8/25/2016

Project: Tocon Property Asbestos

Test Report: Asbestos Analysis of Air Samples by Transmission Electron Microscopy via NIOSH Method 7402

Sample	Volume (Liters)	Non Asbestos Fibers	<i>PCM</i> <i>F/cc</i>	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	7402 Adjusted (TEM) F/cc	Notes
1 351606143-0001	2980.40	0	<0.001			0	<0.001	
2 351606143-0002	3772.98	0	<0.001			0	<0.001	
3 351606143-0003	3322.82	1	<0.001			0	<0.001	
4 351606143-0004	2980.40	0	<0.001			0	<0.001	

NIOSH 7402 method only reports fibers > 5µm in length and > 0.25µm in width.

This method requires a minimum of 2 field blank analyses per set. The above results are not blank corrected Average number of asbestos fibers on field blanks: n/a

Average number of non-asbestos fibers on field blanks: n/a

Analyst(s)

Lynn Scott (4)

Rachel Travis, Laboratory Manager or other approved signatory

EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial report from 09/01/2016 13:42:22

OrderID: 351606143



Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

(0/43

EMSL ANALYTICAL, INC.

PHONE: (

					EMGI	-Bill to: ☐ Same ⊠ Di	ifferent		
Company : Tetra Tec	h					Different note instructions in Co			
Street: 1 S Wacker Di	rive			Third Party	Billing	requires written authorizati	on from third party		
City: Chicago		State/P	rovince: IL	Zip/Postal Cod	le: 606	506 Cour	ntry: United States		
Report To (Name): C	hris Burns and	d Andre E	Baker	Fax #:					
Telephone #: 312.20 312.201.7760	1.7719			Email Address: Chris.burns@tetratech.com Andre.baker@tetratech.com					
Project Name/Numbe					- 12	 			
Please Provide Resu	lts: 🔲 Fax	⊠ Email				J.S. State Samples Tak	en: Indiana		
3 Hour 6	Hour 🔯	24 Hour	around Time (TAT) 48 Hour	72 Hour	se Gn	96 Hour 🔯 1 Weel	k 2 Week		
*For TEM Air 3 hr through	6 hr, please call a	head to sch	nedule. There is a premiu	m charge for 3 Hour	TEM A	AHERA or EPA Level II TAT.	You will be asked to sign		
en authorization fo	erm for this service.	. Analysis	TEM - Air 4-4.	•		conditions located in the Analy TEM- Dust	лісаї Ртісе Guide.		
NIOSH 7400			AHERA 40 CF	· · ·	July;	☐ Microvac - ASTM	D 5755		
W/ OSHA 8hr. TW/	4			ι, ι αιτ / σσ		☐ Wipe - ASTM D64			
PLM - Bulk (reporting			☐ EPA Level II			1 = '	n (EPA 600/J-93/167)		
☐ PLM EPA 600/R-93			☐ ISO 10312			Soil/Rock/Vermiculi			
PLM EPA NOB (<1			TEM - Bulk				A (0.25% sensitivity)		
Point Count	•		TEM EPA NOB			☐ PLM CARB 435 -	B (0.1% sensitivity)		
. 🔲 400 (<0.25%) 🔲 10	000 (<0.1%)		☐ NYS NOB 198.4	4 (non-friable-NY)	☐ TEM CARB 435 -	B (0.1% sensitivity)		
Point Count w/Gravime	etric		☐ Chatfield SOP				C (0.01% sensitivity)		
☐ 4 00 (<0.25%) ☐ 10	☐ TEM Mass Ana		c. 2.5		· · · · · · · · · · · · · · · · · · ·				
NYS 198.1 (friable	TEM - Water: EPA			☐ EPA Protocol (Qu	uantitative)				
☐ NYS 198.6 NOB (r	non-friable-NY)		Fibers >10µm		•	Other:			
☐ NIOSH 9002 (<1%			All Fiber Sizes						
	∐ Che	ck For P	ositive Stop – Cle	early Identify H	omo	genous Group			
Samplers Name: And	re Baker			Samplers Sigi	nature		3		
Sample #			Sample Description	<u> </u>		Volume/Area (Air) HA # (Bulk)	Date/Time Sampled		
1	 TPA-N2-016-1	082516				2980.40 L	8/25/16		
2	TPA-N1-017-					3772.98 L	8/25/16		
3	TPA-NE-018-					3322.82 L	8/25/16		
4	TPA-W2-019-	-082516				2980.40 L	8/25/16		
5	Field Blank 2	<u>:</u> 0							
6									
7									
	<u> </u>								
Client Sample # (s):			-			Total # of Samples:	4		
Relinquished (Client): Andre Bal	(er	Date:	8/25/1	6	Time			
Received (Lab): A	Structions: D	CM Same	Date:	8/20	Q//	G Time	9:20		
TEM has 1 Week TAT	Please inv	voice Der	nnis Linley (dlinley		.com)	CT Labs and Copy Rep	port		
Controlled Document - Asbestos COC - R	2 - 1/12/2010	0// 0//	10-00 5-						



Suite 3700

1 South Wacker Dr.

Chicago, IL 60606

Project: Tocon Property Asbestos

Attention: Chris Burns

EMSL Order: 351606186 Customer ID: TEHC25

Customer PO: Project ID:

Phone: (312) 201-7700

Fax:

Received Date: 08/29/2016 8:00 AM

Analysis Date: 08/29/2016 **Collected Date**: 08/26/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc	Notes
1	TPA-N1-022-082616	8/26/2016	4275.28	<5.5	100	0.001	<7.01	<0.001	
351606186-0001									
2	TPA-S1-024-082616	8/26/2016	4165.00	<5.5	100	0.001	<7.01	<0.001	
351606186-0002									
3	TPA-SW-021-082616	8/26/2016	4594.59	<5.5	100	0.001	<7.01	<0.001	
351606186-0003									
4	TPA-W2-023-082616	8/26/2016	4579.14	5.5	100	0.001	7.01	0.001	
351606186-0004									
5	Field Blank 25	8/26/2016		<5.5	100		<7.01		Field Blank
351606186-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

Rachel Travis PCM (5)

Rachel Travis, Laboratory Manager or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

OrderID: 351606186



Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

4111641	Lan	030	VIIIy).	
618	Co			

EMSL ANALYTICAL, INC.

PHONE: (FAX:

	 			EMSL-Bill to: Same Different					
Company : Tetra Tec				 	If Bill to is D	ifferent note instructions in Co	mments**		
Street: 1 S Wacker D	rive			Third Par	ty Billing re	equires written authorization	on from third party		
City: Chicago		State/P	rovince: IL	Zip/Postal Code: 60606 Country: United States					
Report To (Name): C	hris Burns an	d Andre E	Baker	Fax #:					
Telephone #: 312.20 312.201.7760	1.7719			Email Address: Chris.burns@tetratech.com Andre.baker@tetratech.com					
Project Name/Numbe									
Please Provide Resu	itts: 🔲 Fax	🔯 Email	_ 			S. State Samples Tak	en: Indiana		
3 Hour 6	Hour 🛛	Turna 24 Hour	around Time (TAT)				. 1 0 11/2-12		
				72 Hour		96 Hour 🔀 1 Week IERA or EPA Level II TAT.			
an authorization fo	orm for this service	. Analysis	completed in accordance	with EMSL's Terr	ms and Cor	nditions located in the Analy	tical Price Guide.		
PCM - Air			<u>TEM – Air</u> ☐ 4-4.	•	A only)	TEM- Dust			
☑ NIOSH 7400			AHERA 40 CFF	R, Part 763		Microvac - ASTM	_ · · · - · i		
☐ w/ OSHA 8hr. TW/			☐ NIOSH 7402			☐ Wipe - ASTM D64			
PLM - Bulk (reporting			EPA Level II			Carpet Sonication	·		
PLM EPA 600/R-93	' '		☐ ISO 10312			Soil/Rock/Vermiculi	_		
PLM EPA NOB (<1	%)		TEM - Bulk			☐ PLM CARB 435 -	A (0.25% sensitivity)		
Point Count			TEM EPA NOB			PLM CARB 435 -	,		
☐ 400 (<0.25%) ☐ 10			NYS NOB 198.4	l (non-friable-N	Y)	☐ TEM CARB 435 -	•		
Point Count w/Gravime			Chatfield SOP			!	TEM CARB 435 - C (0.01% sensitivity)		
[] 400 (<0.25%) [] 10	•		TEM Mass Anal		sec. 2.5	EPA Protocol (Sei	•		
NYS 198.1 (friable	•		TEM - Water: EPA	_		EPA Protocol (Qu	antitative)		
☐ NYS 198.6 NOB (r	non-friable-NY)		Fibers >10µm		•	Other:			
NIOSH 9002 (<1%			All Fiber Sizes		<u>_</u>				
	☐ Che	ck For P	ositive Stop – Cle	arly Identify	Homoge	enous Group			
S amplers Name: And	re Baker			Samplers Sig	gnature:				
Sample #			Sample Description			Volume/Area (Air) HA # (Bulk)	Date/Time Sampled		
•	TDA NA 002	000646				4075 00 1	010046		
1	TPA-N1-022-	002010				4275.28 L	8/26/16		
2	TPA-51-024-	082616				4165.00 L	8/26/16		
3	TPA-SW-021	-082616				4594.59 L	8/26/16		
4	TPA-W2-023	-082616				4579.14 L	8/26/16		
5	Field Blank 2	.5							
6		<u>-</u>							
7		· • · · · · · · · · · · · · · · · · · ·							
	1								
Client Sample # (s):	<u> </u>	~~~~	_			Total # of Samples:	4		
Relinquished (Client)	Andre Bal	(er	Date:	8/26/		Time	: 1900		
Received (Lab):	fach		Date:	Strali		Time	C/A 0 00		
Comments/Special In TEM has 1 Week TAT					· · · · · · · · · · · · · · · · · · ·	T Labs and Copy Rep	(- 		
Controlled Document - Ashestos COC - R									



Suite 3700

1 South Wacker Dr.

Chicago, IL 60606

Project: Tocon Property Asbestos

Attention: Chris Burns

EMSL Order: 351606223 **Customer ID:** TEHC25

Customer PO: Project ID:

Phone: (312) 201-7700

Fax:

Received Date: 08/30/2016 9:20 AM

Analysis Date: 08/30/2016 **Collected Date**: 08/29/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc	Notes
1	TPA-W2-026-082916	8/29/2016	2983.37	′ <5.5	100	0.001	<7.01	<0.001	
351606223-0001									
2	TPA-W1-027-082916	8/29/2016	4112.50	<5.5	100	0.001	<7.01	<0.001	
351606223-0002									
3	TPA-SW-028-082916	8/29/2016	5315.15	5 <5.5	100	0.001	<7.01	<0.001	
351606223-0003									
4	TPA-N1-029-082916	8/29/2016	3793.89	<5.5	100	0.001	<7.01	<0.001	
351606223-0004									
5	Field Blank 030	8/29/2016		<5.5	100		<7.01		Field Blank
351606223-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

George Sullivan PCM (5)

Rachel Travis, Laboratory Manager or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn



Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

PHONE: (FAX

Company : Tetra Tec				-Bill to: ☐ Same ☒ D Different note instructions in C			
Street: 1 S Wacker D			Third Party Billing	requires written authorizat	ion from third party		
City: Chicago	i	Province: IL	Zip/Postal Code: 606	i i	ntry: United State		
	Chris Burns and Andre		Fax #:				
Telephone #: 312.20 312.201.7760				ris.burns@tetratech.co	om .		
Project Name/Numb	er: Tocon Property A	sbestos					
Please Provide Res	ults: 🗌 Fax 🛛 Ema	il Purchase Orde		.S. State Samples Tak	en: Indiana		
For TEM Air 3 hr through	Turn Hour General 24 Hour h 6 hr, please call ahead to so form for this service Analysis	48 Hour	um charge for 3 Hour TEM A	96 Hour 🛛 1 Wee	You will be asked to		
PCM - Air	565		.5hr TAT (AHERA only)	TEM- Dust	•		
🔯 NIOSH 7400	• •	☐ AHERA 40 CF	R, Part 763	☐ Microvac - ASTM	D 5755		
w/ OSHA 8hr. TW	A 8.30.16	☑ NIOSH 7402		☐ Wipe - ASTM D6	480		
PLM - Bulk (reportin	g limit)	☐ EPA Level II		☐ Carpet Sonication	n (EPA 600/J-93/1		
☐ PLM EPA 600/R-9	3/116 (<1%)	☐ ISO 10312		Soil/Rock/Vermicul	<u>ite</u>		
PLM EPA NOB (<	1%)	TEM - Bulk		☐ PLM CARB 435 -	A (0.25% sensitiv		
Point Count		TEM EPA NOB	1	☐ PLM CARB 435 -	B (0.1% sensitivi		
[] 400 (<0.25%) [] 1		☐ NYS NOB 198.	4 (non-friable-NY)	TEM CARB 435	•		
Point Count w/Gravim		Chatfield SOP		☐ TEM CARB 435 -	•		
	•		lysis-EPA 600 sec. 2.5	☐ EPA Protocol (Se			
NYS 198.1 (friable	•	TEM - Water: EP		☐ EPA Protocol (Qu	uantitative)		
NYS 198.6 NOB (non-friable-NY)	1	Waste Drinking	Other:			
□ NIOSH 9002 (<19)			Waste Drinking				
Samplers Name: An		- OSILIVE STOP - CI	Samplers Signature				
Sample #		Sample Description	n	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled		
1	TPA-W2-026-082916			2983.37 L	8/29/16		
	TDA 18/4 007 002046			4442 50 1	9/20/46		
2	TPA-W1-027-082916			4112.50 L 5315.15	8/29/16		
3	TPA-SW-028-082916			L	8/29/16		
	TD4 114 000 000040	- · · · · · · · · · · · · · · · · · · ·		3793.89	0/00/46		
4	TPA-N1-029-082916			L	8/29/16		
5	Field Blank 030				<u> </u>		
6							
5							
<u></u>					†		
Client Sample # (s):				Total # of Samples:	4		
Relinquished (Client): Andre Baker	Date:	8/29/16	Time	9:		
Received (Lab): 1	Every	FE Date:	8/30/16	Time	9: 9:20		
Comments/Special I TEM has 1 Week TA	nstructions: PCM Sam T *** Please invoice De	ple has a 24 hr TAT nnis Linley (dlinley)	@ctlaboratories.com)	CT Labs and Copy Re	port		
TEM has 1 Week TA	- R2 - 1/12/2010			·			



14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

http://www.EMSL.com minneapolislab@emsl.com

EMSL Order: CustomerID:

ProjectID:

351606249 TEHC25

CustomerPO:

Chris Burns Tetra Tech, Inc. 1 South Wacker Dr.

Suite 3700 Chicago, IL 60606 Phone: (312) 201-7700

Fax:

Received: 08/29/16 8:00 AM

Analysis Date: 9/6/2016 Collected: 8/26/2016

Project: Tocon Property Asbestos

Test Report: Asbestos Analysis of Air Samples by Transmission Electron Microscopy via NIOSH Method 7402

Sample	Volume (Liters)	Non Asbestos Fibers	<i>PCM</i> <i>F/cc</i>	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	7402 Adjusted (TEM) F/cc	Notes
1 351606249-0001	4275.28	0	<0.001			0	<0.001	
2 351606249-0002	4165	0	<0.001			0	<0.001	
3 351606249-0003	4594.59	0	<0.001			0	<0.001	
4 351606249-0004	4579.14	0	0.001			0	<0.001	

NIOSH 7402 method only reports fibers > 5µm in length and > 0.25µm in width.

This method requires a minimum of 2 field blank analyses per set. The above results are not blank corrected Average number of asbestos fibers on field blanks: n/a

Average number of non-asbestos fibers on field blanks: n/a

Lynn Scott (3) Rachel Travis (1)

Analyst(s)

Rachel Travis, Laboratory Manager or other approved signatory

EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial report from 09/06/2016 14:49:13

EMSL ANALYTICAL, INC.



Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

6249 G186 KLG

PHONE: (

	mnany · Tetra Tech						EMSL-Bill to: ☐ Same ☒ Different					
Company : Tetra Tec	<u>h</u>					If Bill to ∔s D	different note instructions in Co	mments**				
Street: 1 S Wacker Dr	rive				Third P	arty Billing r	equires written authorizati	on from third party				
City: Chicago		State/P	rovince: IL	Zip/Po	stal (Code: 6060	06 Cour	ntry: United States				
Report To (Name): C	hris Burns an	d Andre E	Baker	Fax #	1							
Telephone #: 312.20 312.201.7760	1.7719			Email Address: Chris.burns@tetratech.com Andre.baker@tetratech.com								
Project Name/Numbe		operty As										
Please Provide Resu	lts: Fax	⊠ Email		<u> </u>			S. State Samples Take	en: Indiana				
3 Hour 6	Hour 🛛	Turna 24 Hour	around Time (TAT)		s* - P 2 Hou		ck 96 Hour 🔀 1 Weel	2 Week				
*For TEM Air 3 hr through	6 hr, please call a	head to sch	edule. There is a premiu	m charge	for 3 i	lour TEM Al	HERA or EPA Level II TAT.	You will be asked to sign				
an authorization fo	rm for this service	Analysis	completed in accordance	with EM	SL's Te	erms and Co	nditions located in the Analy	tical Price Guide.				
PCM - Air			TEM - Air 4-4.4		•	RA only)	TEM- Dust					
⊠ NIOSH 7400	AHERA 40 CFF	k, Part	763		Microvac - ASTM							
w/ OSHA 8hr. TW/					☐ Wipe - ASTM D64							
PLM - Bulk (reporting	EPA Level II				Carpet Sonication	```						
☐ PLM EPA 600/R-93 ☐ PLM EPA NOB (<1		i	☐ ISO 10312 TEM - Bulk				Soil/Rock/Vermiculi					
Point Count	70)		TEM EPA NOB				☐ PLM CARB 435 -	, -,				
	100 (<0.1%)	ļ	NYS NOB 198.4	(non-f	rishle.	AIV)		• • • • • • • • • • • • • • • • • • • •				
Point Count w/Gravime			Chatfield SOP	(IIOII-II	Idpic-	141)	☐ TEM CARB 435 - B (0.1% sensitivity) ☐ TEM CARB 435 - C (0.01% sensitivity)					
400 (<0.25%) 10	☐ TEM Mass Anal	vsis-EP	A 600	sec. 2.5	☐ EPA Protocol (Se	, ,,						
NYS 198.1 (friable			TEM - Water: EPA				EPA Protocol (Qu	· ·				
NYS 198.6 NOB (n	•		Fibers >10µm		Пр	rinking	Other:					
☐ NIOSH 9002 (<1%	-	ļ	All Fiber Sizes			_						
14100110002 (*170		ck For P	ositive Stop - Cle	arly id	entify	/ Homog	enous Group					
Samplers Name: And	re Baker		<u></u>	Samp	lers S	ignature:						
Sample #			Sample Description				Volume/Area (Air) HA # (Bulk)	Date/Time Sampled				
1	TPA-N1-022-	082616					4275.28 L	8/26/16				
2	TPA-S1-024-	082616	·	<u> </u>			4165.00 L	8/26/16				
3	TPA-SW-021	-082616		·		····	4594.59 L	8/26/16				
4	TPA-W2-023	-082616					4579.14 L	8/26/16				
5	Field Blank	25										
6				·								
7				_		·						
Client Sample ≇ (s):			_				Total # of Samples:	4				
Relinquished (Client)	Andre Ba	ker	Date:		8/2	6/16	Time	: 1800				
Received (Lab): Fearly Date:					29 10 Time: 8470 DB							
Comments/Special In TEM has 1 Week TAT	*** Please in			ctiabo	ratori	es.com) C	T Labs and Copy Rep	ort FE				



14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

http://www.EMSL.com minneapolislab@emsl.com

EMSL Order: CustomerID: 351606251

TEHC25

CustomerPO:
ProjectID:

Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700

Chicago, IL 60606

Phone: (312) 201-7700

Fax:

Received: 08/30/16 9:20 AM

Analysis Date: 9/7/2016 Collected: 8/29/2016

Project: Tocon Property Asbestos

Test Report: Asbestos Analysis of Air Samples by Transmission Electron Microscopy via NIOSH Method 7402

Sample	Volume (Liters)	Non Asbestos Fibers	<i>PCM</i> <i>F/cc</i>	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	7402 Adjusted (TEM) F/cc	Notes
1 351606251-0001	2983.37	2	<0.001			0	<0.001	
2 351606251-0002	4112.50	0	<0.001			0	<0.001	
3 351606251-0003	5315.15	1	<0.001			0	<0.001	
4 351606251-0004	3793.89	0	<0.001			0	<0.001	

NIOSH 7402 method only reports fibers > 5µm in length and > 0.25µm in width.

This method requires a minimum of 2 field blank analyses per set. The above results are not blank corrected Average number of asbestos fibers on field blanks: n/a

Average number of non-asbestos fibers on field blanks: n/a

Analyst(s)

Rachel Travis (4)

Rachel Travis, Laboratory Manager or other approved signatory

EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial report from 09/07/2016 13:33:11

EMSL ANALYTICAL, INC.

EMEL

6251

PHONE (Fax.

				01 BUILT 10 cm 57 D	· · · · · · · · · · · · · · · · · · ·			
Company : Tetra Tec	h		EMSL-Bill to: Same Different if Bill to is Different note instructions in Comments**					
Street: 1 S Wacker D			Third Party Billing requires written authorization from third party					
City: Chicago	T T	Province: IL	Zip/Postal Code: 60606 Country: United States					
	hris Burns and Andre I		Fax #:					
Telephone #: 312.20 312.201.7760			Email Address: Chris.burns@tetratech.com Andre.baker@tetratech.com					
Project Name/Numbe			,,					
Please Provide Resu				U.S. State Samples Tak	en: Indiana			
∏3 Hour ☐ 6	Hour 🛛 24 Hour	around Time (TAT)	Options" – Please (Check ☐ 96 Hour	k			
For TEM Air 3 hr through	6 hr. please call ahead to sch	nedule.*There is a premiu	m charge for 3 Hour TE	M AHERA or EPA Level II TAT.	You will be asked to sign			
an authorization fo	orm for this service. Analysis	completed in accordance	with EMSL's Terms and	d Conditions located in the Analy	tical Price Guide.			
PCM - Air NIOSH 7400 W/ OSHA 8hr. TW/ PLM - Bulk (reporting		TEM - Air	5hr TAT (AHERA only) R, Part 763	☐ Microvac - ASTM ☐ Wipe - ASTM D6				
☐ PLM EPA 600/R-93		☐ ISO 10312		Soil/Rock/Vermicul	<u> </u>			
PLM EPA NOB (<1	, ,	TEM - Bulk			A (0.25% sensitivity)			
Point Count	70)	☐ TEM EPA NOB		PLM CARB 435 -	•			
☐ 400 (<0.25%) ☐ 10	000 (<0.1%)		4 (non-friable-NY)					
Point Count w/Gravimetric			(C (0.01% sensitivity)			
☐ 400 (<0.25%) ☐ 1000 (<0.1%) ☐ TEM Mass Ana			ysis-EPA 600 sec. 2	.5 EPA Protocol (Se	emi-Quantitative)			
NYS 198.1 (friable in NY) TEM - Water: EP/			100.2	EPA Protocoi (Qu	antitative)			
☐ NYS 198.6 NOB (non-friable-NY) Fibers >10µm ☐			Waste Drinking	Other:				
☐ NIOSH 9002 (<1%) All Fiber Sizes ☐			Waste Drinking					
1000110001		ositive Stop - Cle	arly Identify Hom	ogenous Group				
Samplers Name: And	re Baker		Samplers Signate	ire:				
			Volume/Area (Air) Date/Time					
Sample #		Sample Description	<u> </u>	HA # (Bulk)	Sampled			
1	TPA-W2-026-082916			2983.37 L	8/29/16			
	TPA-W1-027-082916			4112.50 L	8/29/16			
2	1PA-W1-027-002910	 =	 	5315.15	Q12311Q			
3	TPA-SW-028-082916			L	8/29/16			
4	TPA-N1-029-082916			3793.89 L	8/29/16			
5	Field Blank 030							
	- 1919 - 191111 999							
6								
7.					 			
Client Sample # (s):		•		Total # of Samples:	4			
		D-4	010014.0					
Relinquished (Client)	M. 25 2	Date:	8/29/18	Time	0:20			
Received (Lab): //	estructions: PCM Samp	<i>-</i>	UJ WILD	Time	8. j. s-U			
TEM has 1 Week TAT	*** Please invoice De	nnis Linley (dlinley@	octiaboratories.cor	n) CT Labs and Copy Rej	port			
Partrolled Document - Asbestos COC -	-R2 - 1/12/2015			· · · · · · · · · · · · · · · · · · ·				

PCM PCM Snalysis on Order ID 36/Page 1 of 1



Suite 3700

1 South Wacker Dr.

Chicago, IL 60606

Project: Tocon Property Asbestos

Attention: Chris Burns

EMSL Order: 351606267 Customer ID: TEHC25

Customer PO: Project ID:

Phone: (312) 201-7700

Fax:

Received Date: 08/31/2016 9:45 AM

Analysis Date: 08/31/2016 **Collected Date**: 08/30/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc	Notes
1	TPA-SW-031-083016	8/30/2016	5176.60	<5.5	100	0.001	<7.01	<0.001	
351606267-0001									
2	TPA-W1-032-083016	8/30/2016	4478.85	<5.5	100	0.001	<7.01	<0.001	
351606267-0002									
3	TPA-N1-033-083016	8/30/2016	5130.00	<5.5	100	0.001	<7.01	<0.001	
351606267-0003									
4	TPA-W2-034-083016	8/30/2016	4015.68	<5.5	100	0.001	<7.01	<0.001	
351606267-0004									
5	Field Blank 035	8/30/2016		<5.5	100		<7.01		Field Blank
351606267-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

George Sullivan PCM (5)

Rachel Travis, Laboratory Manager or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

EMEL SHISL ANALYTICAL, INC.

Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC.

PHONE (FAX:

					**		
Company : Tetra Tec	h			L-Bill to: Same Di is Different note instructions in Co			
Street: 1 S Wacker Di				ng requires written authorization			
City: Chicago		rovince: IL	Zip/Postal Code: 6	ntry: United States			
	hris Burns and Andre I		Fax #:				
Telephone #: 312.20							
\$12.201.7760			 Email Address: C	hris.burns@tetratech.co	m		
			Andre.baker@tetra	_			
Project Name/Numbe							
Please Provide Resu				U.S. State Samples Take	en: Indiana		
3 Hour 6	Hour 24 Hour	48 Hour	Options* - Please C	neck 96 Hour 🔯 1 Weel	2 Week		
*For TEM Air 3 hr through	6 hr, please call ahead to sci	hedule.*There is a premiu	m charge for 3 Hour TEM	AHERA or EPA Level II TAT.	You will be asked to sign		
	orm for this service. Analysis			Conditions located in the Analy	tical Price Guide.		
PCM - Air			5hr TAT (AHERA only)	TEM- Dust	D E755		
NIOSH 7400 W OSHA 8hr. TW/	Δ	☐ AHERA 40 CFI ☑ NIOSH 7402	7, Fait /03	☐ Microvac - ASTM ☐ Wipe - ASTM D64			
PLM - Bulk (reporting		☐ EPA Level II		☐ Carpet Sonication			
PLM - BOIX (reporting		ISO 10312		Soil/Rock/Vermiculi			
PLM EPA NOB (<1	` ,	TEM - Bulk		☐ PLM CARB 435 -			
Point Count	**/	☐ TEM EPA NOB		} '	•		
☐ 400 (<0.25%) ☐ 10	000 (<0.1%)	☐ NYS NOB 198.4		<u> </u>	☐ PLM CARB 435 - B (0.1% sensitivity) ☐ TEM CARB 435 - B (0.1% sensitivity)		
Point Count w/Gravime	f in the second	☐ Chatfield SOP		☐ TEM CARB 435 - C (0.01% sensitivity)			
400 (<0.25%) 1 0	000 (<0.1%)	☐ TEM Mass Ana	lysis-EPA 600 sec. 2.	5 EPA Protocol (Se	☐ EPA Protocol (Semi-Quantitative)		
NYS 198.1 (friable	in NY)	TEM - Water: EPA	100.2	☐ EPA Pretocol (Qu	antitative)		
☐ NYS 198.6 NOB (r	non-friable-NY)	Fibers >10µm	Waste 🔲 Drinking	Other:	Other:		
☐ NIOSH 9002 (<1%)	All Fiber Sizes	Waste Drinking		<u> </u>		
	Check For P	ositive Stop - Cle	early Identify Home	ogenous Group			
Samplers Name: And	re Baker		Samplers Signatur	re:			
Comple #		Comple Description		Volume/Area (Air)	Date/Time		
Sample #		Sample Description	<u> </u>	HA # (Bulk)	Sampled		
1	TPA-SW-031-083016	·		5176.60 L	8/30/16		
2	TPA-W1-032-083016			4478.85 L	8/30/16		
				5130			
3	TPA-N1-033-083016			L 4015.68	8/30/16		
4	TPA-W2-034-083016			L 15.66	8/30/16		
5	Field Blank 035						
6							
7				_			
:							
Client Sample # (s):	Kywius FE	-		Total # of Samples:	5		
Relinquished (Client)	Andre Baker	Date:	8/30/16	Time	: 1800		
Received (Lab):	Mutus FE	Date:	8/31/10	Time	9:45		
Comments/Special in	structions: PCM Same	ole has a 24 hr TAT					
PERMICE I VISERIAL	Hease invoice De	nnis Linley (dilinley)	gctiaboratories.com) CT Labs and Copy Rep	ort		

8094 2523 5699 TEM Analysis on order 10 351606269



14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

http://www.EMSL.com minneapolislab@emsl.com EMSL Order: CustomerID:

351606269

TEHC25

CustomerPO: ProjectID:

Chris Burns Tetra Tech, Inc. 1 South Wacker Dr. **Suite 3700**

Phone: Fax:

(312) 201-7700

Received:

08/31/16 9:45 AM

Analysis Date: Collected:

9/7/2016 8/30/2016

Chicago, IL 60606 Project: Tocon Property Asbestos

Test Report: Asbestos Analysis of Air Samples by Transmission Electron Microscopy via NIOSH Method 7402

Sample	Volume (Liters)	Non Asbestos Fibers	<i>PCM</i> <i>F/cc</i>	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	7402 Adjusted (TEM) F/cc	Notes
1 351606269-0001	5176.60	0	<0.001			0	<0.001	
2 351606269-0002	4478.85	2	<0.001			0	<0.001	
3 351606269-0003	5130	0	<0.001			0	<0.001	
4 351606269-0004	4015.68	0	<0.001			0	<0.001	

NIOSH 7402 method only reports fibers $> 5\mu m$ in length and $> 0.25\mu m$ in width. This method requires a minimum of 2 field blank analyses per set. The above results are not blank corrected Average number of asbestos fibers on field blanks: n/a Average number of non-asbestos fibers on field blanks: n/a

Analyst(s)

Rachel Travis (4)

Rachel Travis, Laboratory Manager or other approved signatory

EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted. Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial report from 09/07/2016 15:40:03



Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

6269

PHONE: (=_{AX:}

EMSL ANALYTICAL, INC.

			EMSL-Bill to: ☐ Same ☒ Different					
Company : Tetra Tec	h		If Bill to is Different note instructions in Comments**					
Street: 1 S Wacker Dr	riv e		Third Party Billii	ng requires written authoriza <u>ti</u>	on from third party			
City: Chicago	Si	tate/Province: IL	Zip/Postal Code: 6	0606 Cour	try: United States			
Report To (Name): C	hris Burns and Ar	idre Baker	Fax #:					
Telephone #: 312.20 312.201.7760				hris.burns@tetratech.co	m			
			Andre.baker@tetratech.com					
Project Name/Numbe					i			
Please Provide Resu	lts: 🗌 Fax 🔯	Email Purchase Order		U.S. State Samples Tak	en: Indiana			
3 Hour 6	Hour 🛛 24 I	Turnaround Time (TAT) Hour 48 Hour	Options* – Please C	Check │ 96 Hour │ 🂢 1 Weel	2 Week			
*For TEM Air 3 hr through	6 hr, please call ahead	to schedule *There is a premiu	m charge for 3 Hour TEN	A AHERA or EPA Level II TAT.	You will be asked to sign			
an authorization fo	rm for this service Ar	nalysis completed in accordance	with EMSL's Terms and	Conditions located in the Analy	tical Price Guide			
PCM - Air			5hr TAT (AHERA only)		D 6766			
NIOSH 7400		AHERA 40 CFF	R, Part 763	Microvac - ASTM				
w/ OSHA 8hr. TW/		☐ NIOSH 7402		☐ Wipe - ASTM D64				
PLM - Bulk (reporting		☐ EPA Level II		Carpet Sonication				
☐ PLM EPA 600/R-93/116 (<1%) ☐ ISO 1031				Soil/Rock/Vermiculi				
PLM EPA NOB (<1	%)	TEM - Bulk		PLM CARB 435 -				
Point Count		TEM EPA NOB		PLM CARB 435 -	,			
<u> </u>	•	│	f (non-friable-NY)	TEM CARB 435 -				
Point Count w/Gravime		Chatfield SOP		1	TEM CARB 435 - C (0.01% sensitivity)			
🗌 400 (<0.25%) 🔲 10	000 (<0.1%)	☐ TEM Mass Ana	lysis-EPA 600 sec. 2	······································	·			
NYS 198.1 (friable	in NY)	TEM - Water: EPA	100.2	EPA Protocol (Qu	antitative)			
☐ NYS 198.6 NOB (non-friable-NY) Fibers >1			Waste Drinking	Other:				
☐ NIOSH 9002 (<1%)	All Fiber Sizes	Waste Drinking					
	Check F	For Positive Stop - Cle	arly Identify Hom	ogenous Group				
Samplers Name: And	re Baker		Samplers Signatu	re:				
Sample #		Sample Description	1	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled			
_	TD 2 014/ 024 024	2046		£470.60 I	8/20/46			
1	TPA-SW-031-083	0016		5176.60 L	8/30/16			
2	TPA-W1-032-083	016		4478.85 L	8/30/16			
	TDA NA 022 002	040		5130	9/20/46			
3	TPA-N1-033-083	פוע		4015.68	8/30/16			
4	TPA-W2-034-083	016		L	8/30/16			
5	Field Blank 035							
6	i							
7								
•								
Client Sample # (s):	Kyvius	FE -		Total # of Samples:	5			
Relinquished (Client)		Date:	8/30/16	Time	: 1800			
Received (Lab): 1/		Date:	8/31/1		D'i i c			
Comments/Special In	structions: PCM	Sample has a 24 hr TAT to Dennis Linley (dlinley)		•				
Comballed Document - Asbestos COC - R	2 – 1/12/2010							

8094 2523 5699 PCM Analysis On Order 10 351606267

Page 1 Of 1 KLG 8/31/16



Suite 3700

1 South Wacker Dr.

Chicago, IL 60606

Project: Tocon Property Asbestos

Attention: Chris Burns

EMSL Order: 351606312 Customer ID: TEHC25

Customer PO: Project ID:

Phone: (312) 201-7700

Fax:

Received Date: 09/01/2016 9:10 AM

Analysis Date: 09/01/2016 **Collected Date**: 08/31/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc	Notes
1	TPA-N2-036-083116	8/31/2016	4804.20	<5.5	100	0.001	<7.01	<0.001	
351606312-0001									
2	TPA-W2-037-083116	8/31/2016	3511.86	<5.5	100	0.001	<7.01	<0.001	
351606312-0002									
3	TPA-S2-038-083116	8/31/2016							Filter Damaged
351606312-0003									
4	TPA-SW-039-083116	8/31/2016	4544.45	<5.5	100	0.001	<7.01	<0.001	
351606312-0004									
5	Field Blank 040	8/31/2016		<5.5	100		<7.01		Field Blank
351606312-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

Lynn Scott PCM (4)

Rachel Travis, Laboratory Manager or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn



Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

PHONE: (FAX:

Company : Tetra Tech			EMSL-Bill to: Same Different If Bill to is Different note instructions in Comments**				
<u> </u>			Third Party Billing requires written authorization from third party				
Street: 1 S Wacker D		Drawings: II					
City: Chicago		Province: IL	Zip/Postal Code: 60606 Country: United States				
	hris Burns and Andre	Baker	Fax #:				
Telephone #: 312.201.7719 312.201.7760			Email Address: Chris.burns@tetratech.com Andre.baker@tetratech.com				
Project Name/Number							
Please Provide Resu			<u> </u>	S. State Samples Tak	en: Indiana		
3 Hour 6	Hour 🛛 24 Hou		Options* - Please Che	eck 96 Hour 🔀 1 Weel	k 2 Week		
*For TEM Air 3 hr through	6 hr, please call ahead to se	chedule. *There is a premiu	ım charge for 3 Hour TEM Ai	HERA OF EPA Level II TAT.	You will be asked to sign		
	orm for this service. Analysi		e with EMSL's Terms and Co		tical Price Guide.		
PCM - Air			5hr TAT (AHERA only)	TEM- Dust	D 5755		
NIOSH 7400	'Δ	☐ AHERA 40 CF	к, мап 703	Microvac - ASTM			
W OSHA 8hr. TW		EPA Level II		☐ Wipe - ASTM D64			
PLM - Buik (reporting		ISO 10312		Carpet Sonication			
PLM EPA NOB (<1	` '	TEM - Bulk	<u></u> .	PLM CARB 435 -			
Point Count	1 70)	TEM EPA NOB		PLM CARB 435 -			
☐ 400 (<0.25%) ☐ 1	000 (<0.1%)	NYS NOB 198.		TEM CARB 435 -	•		
Point Count w/Gravim		Chatfield SOP	T (Holl Hoold ATT)		C (0.01% sensitivity)		
400 (<0.25%) 1	000 (<0.1%)	☐ TEM Mass Ana	lysis-EPA 600 sec. 2.5	☐ EPA Protocol (Semi-Quantitative)			
NYS 198.1 (friable	•	TEM - Water: EPA		EPA Protocol (Qu	•		
NYS 198.6 NOB (-	1	Waste 🔲 Drinking	Other:			
☐ NIOSH 9002 (<1%	6)	All Fiber Sizes	Waste Drinking				
		Positive Stop – Cle	early Identify Homog	enous Group			
Samplers Name: And	dre Baker		Samplers Signature:				
Sample #		Sample Description	1	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled		
		Cample Description	<u> </u>	TIA # (Daik)	Campies		
1	TPA-N2-036-083116			4804.20 L	8/31/16		
2	TPA-W2-037-083116	·····		3511.86 L	8/31/16		
3	TPA-S2-038-083116			3400.65 L	8/31/16		
4	TPA-SW-039-083116			4544.45 L	8/31/16		
5	Field Blank 040						
6							
	 			 			
7					 		
Clinat Samula #/s)				Total # of Commission	<u> </u>		
Client Sample # (s):		-		Total # of Samples:	5		
Relinquished (Client): Andre Baker	Date:	8/31/16	Time	:: 1800		
Received (Lab):	Mayowe	FE Date:	9/1/16	Time	: 9:10 AM		
	nstructions: PCM Sam T *** Please invoice De		(Doctlaboratories.com)	T Labs and Copy Rep	ort		
Contained Document Asbestos COC R	2-1/12/2010 8094	2523 5688			- 		



14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

http://www.EMSL.com minneapolislab@emsl.com

EMSL Order: CustomerID:

ProjectID:

351606313 TEHC25

CustomerPO:

Chris BurnsTetra Tech, Inc.1 South Wacker Dr.

Suite 3700 Chicago, IL 60606 Phone: (312) 201-7700

Fax:

Received: 09/01/16 9:10 AM

Analysis Date: 9/8/2016 Collected: 8/31/2016

Project: Tocon Property Asbestos

Test Report: Asbestos Analysis of Air Samples by Transmission Electron Microscopy via NIOSH Method 7402

Sample	Volume (Liters)	Non Asbestos Fibers	PCM F/cc	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	7402 Adjusted (TEM) F/cc	Notes
1 351606313-0001	4804.20	0	<0.001			0	<0.001	
2 351606313-0002	3511.86	1	<0.001			0	<0.001	
3 351606313-0003	3400.65							Not Analyzed
4 351606313-0004	4544.45	0	<0.001			0	<0.001	

NIOSH 7402 method only reports fibers > 5µm in length and > 0.25µm in width.

This method requires a minimum of 2 field blank analyses per set. The above results are not blank corrected Average number of asbestos fibers on field blanks: n/a

Average number of non-asbestos fibers on field blanks: n/a

Analyst(s)

Rachel Travis (3)

Rachel Travis, Laboratory Manager or other approved signatory

EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial report from 09/08/2016 14:53:23



Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

PHONE: (

FAX.

EMSL ANALYTICAL, INC.

riagi italili	BOI (Lab Goo Giny).
7	
1.710	
1/1/2/14	
$U \cup V \cup V$	į.

Company : Tetra Tech				Bill to: Same 🔀 Different note instructions in Co			
Street: 1 S Wacker Driv	/0		Third Party Billing requires written authorization from third party				
City: Chicago		Province: IL	Zip/Postal Code: 60606 Country: United States				
Report To (Name): Ch		Baker	Fax #:				
Telephone #: 312,201, 312,201,7760	7719		Email Address: Chris.burns@tetratech.com Andre.baker@tetratech.com				
Project Name/Number	Tocon Property A	sbestos			'		
Please Provide Result	s: 🗌 Fax 🔯 Ema	I Purchase Order	r: Ü.:	S. State Samples Tak	en: Indiana		
			Options* - Please Che				
	our 24 Hour		T2 Hour 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 Hour 🔯 1 Weel			
an authorization form	n for this service. Analysis	completed in accordance	with EMSL's Terms and Cor	nditions located in the Analy	tical Price Guide.		
PCM - Air			5hr TAT (AHERA only)	TEM- Dust			
☑ NIOSH 7400		AHERA 40 CF	R, Part 763	☐ Microvac - ASTM	D 5755		
WOSHA 8hr. TWA		☐ NIOSH 7402		Wipe - ASTM D64	180		
PLM - Bulk (reporting I		☐ EPA Level II		☐ Carpet Sonication	(EPA 600/J-93/167)		
☐ PLM EPA 600/R-93/116 (<1%) ☐ ISO 10312				Soil/Rock/Vermiculi	te		
PLM EPA NOB (<1%)				☐ PLM CARB 435 -	A (0.25% sensitivity)		
Point Count		TEM EPA NOB		☐ PLM CARB 435 -	B (0.1% sensitivity)		
 		NYS NOB 198.4	, , , , , , , , , , , , , , , , , , , ,				
Point Count w/Gravimetric Chatfield SOI				I <u> </u>	C (0.01% sensitivity)		
L ' '			lysis-EPA 600 sec. 2.5	EPA Protocol (Se	•		
NYS 198.1 (friable in NY)				EPA Protocol (Qu	antitative)		
NYS 198.6 NOB (non-friable-NY) Fibers >10μm				Other:			
			Waste Drinking				
	☐ Check For F	Positive Stop – Cle	early Identify Homoge	nous Group			
Samplers Name: Andre	Baker		Samplers Signature:				
Sample #		Sample Description	<u> </u>	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled		
1	TPA-N2-036-083116	<u></u>		4804.20 L	8/31/16		
2	TPA-W2-037-083116		<u>.</u>	3511.86 L	8/31/16		
3	TPA-S2-038-083116			3400.65 L	8/31/16		
4	TPA-SW-039-083116			4544.45 L	8/31/16		
5	Field Blank 040						
6							
7			!				
Client Sample # (s):		<u>-</u>		Total # of Samples:	5		
Relinquished (Client):	Andre Baker	Date:	8/31/15	Time	:1800		
Received (Lab): //// Comments/Special Ins	Jarep col	FE Date:	9/1/16		: 9:10 AM		
Comments/Special ins	tructions: PCM Samp	ole has a 24 hr TAT nnis Linley (dlinley&	octlaboratories.com) C				
Dentrolled Document – Asbestos COG – R2 –		250251 8P	y	cohi uch			



Suite 3700

1 South Wacker Dr.

Chicago, IL 60606

Project: Tocon Property Asbestos

Attention: Andre Baker

EMSL Order: 351606368 Customer ID: TEHC25

Customer PO: Project ID:

Phone: (312) 201-7700

Fax:

Received Date: 09/02/2016 9:15 AM

Analysis Date: 09/06/2016 **Collected Date**: 09/01/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc	Notes
1	TPA-N2-041-090116	9/01/2016	4689.00	7	100	0.001	8.92	0.001	
351606368-0001									
2	TPA-W2-042-090116	9/01/2016	4530.00	10.5	100	0.001	13.4	0.001	
351606368-0002									
3	TPA-S2-043-090116	9/01/2016	4243.00	9	100	0.001	11.5	0.001	
351606368-0003									
4	TPA-SW-044-090116	9/01/2016	4575.45	<5.5	100	0.001	<7.01	<0.001	
351606368-0004									
5	Field Blank 045	9/01/2016		<5.5	100		<7.01		Field Blank
351606368-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

Rachel Travis PCM (5)

Rachel Travis, Laboratory Manager or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial Report From: 09/06/2016 13:29:02

OrderID: 351606368



Asbestos Chain of Custody

PHONE: (FAX:

EMSL ANALYTICAL, INC.

EMSL	EMSL Order Number (Lab Use Only):	_
MSL ANALYTICAL, INC.	6368	

Company : Tetra Tech			EMSL-Bill to: Same Different If Bill to is Different note instructions in Comments**				
Street: 1 S Wacker D	rive		Third Party Billing n	equires written authorizati	on from third party		
City: Chicago		State/Province: IL	Zip/Postal Code: 6060		ntry: United States		
Report To (Name): C				o coui	itry. Officed States		
		didre baker	Fax #:				
Telephone #: 312.20 312.201.7760	J1.7719		Email Address: Chris.burns@tetratech.com Andre.baker@tetratech.com				
Project Name/Numbe		erty Asbestos					
Please Provide Resu	ults: 🗌 Fax 🗵	Email Purchase Order		S. State Samples Tak	en: Indiana		
		Turnaround Time (TAT)	 				
	Hour 🔯 24	Hour 48 Hour ad to schedule, *There is a premiu	72 Hour	96 Hour 🔯 1 Weel	k 2 Week		
an authorization fo	orm for this service.	Analysis completed in accordance	e with EMSL's Terms and Cor	nera or EPA Level II TAT. Inditions located in the Analy	You w⊪ be asked to sign tical P∩ce Guide		
PCM - Air			5hr TAT (AHERA only)	TEM- Dust			
☑ NIOSH 7400		☐ AHERA 40 CFI	R, Part 763	☐ Microvac - ASTM	D 5755		
W/ OSHA 8hr. TW/	A			☐ Wipe - ASTM D64	180		
PLM - Bulk (reporting	<u>; limit)</u>	EPA Level II		Carpet Sonication	(EPA 600/J-93/167)		
☐ PLM EPA 600/R-93	3/116 (<1%)	☐ ISO 10312		Soil/Rock/Vermiculi	te		
PLM EPA NOB (<1	%)	TEM - Bulk		☐ PLM CARB 435 -	A (0.25% sensitivity)		
Point Count		☐ TEM EPA NOB		l	B (0.1% sensitivity)		
 	000 (<0.1%)	☐ NYS NOB 198.4	4 (non-friable-NY)	☐ TEM CARB 435 -			
Point Count w/Gravime	etric	☐ Chatfield SOP	☐ TEM CARB 435 - C (0.01% sen				
400 (<0.25%) 1	000 (<0.1%)	TEM Mass Anal	lysis-EPA 600 sec. 2.5	EPA Protocol (Se	mi-Quantitative)		
NYS 198.1 (friable	in NY)	TEM - Water: EPA	100.2	☐ EPA Protocol (Qu	antitative)		
☐ NYS 198.6 NOB (r	non-friable-NY)	Fibers >10µm	Waste Drinking	Other:			
☐ NIOSH 9002 (<1%	5)	All Fiber Sizes	Waste Drinking	П			
		For Positive Stop - Cle		enous Group			
Samplers Name: And	ire Baker		Samplers Signature:				
Sample #		Sample Description		Volume/Area (Air) HA # (Bulk)	Date/Time Sampled		
, i	ŢPA-N2-041-090	0116		4689 L	9/1/16		
		-					
2	TPA-W2-042-09	0116		4530 L	9/1/16		
3	TPA-S2-043-090	0116		4243 L	9/1/16		
4	TPA-SW-044-09	0116		4575.45 L	9/1/16		
5	Field Blank 045	···					
6							
7							
				11.			
Client Sample # (s):		-		Total # of Samples:	5		
Relinquished (Client)	: Andre Baker	Date:	9/1/16	Time	1800		
Received (Lab): "//	Maypool	FE Date:	9/2/16		9:15		
Comments/Special In	structions: PCM	Sample has a 24 hr TAT ce Dennis Linley (dlinley ©					
antrolled Document - Asbestos COC - R2	? - 1/12/2010 S	3094252251	7 7				



14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

http://www.EMSL.com minneapolislab@emsl.com

EMSL Order: CustomerID: 351606369 TEHC25

CustomerPO: ProjectID:

ttn: Andre Baker Tetra Tech, Inc. 1 South Wacker Dr. Suite 3700

Chicago, IL 60606

Phone: (312) 201-7700

Fax:

Received: 09/02/16 9:15 AM

Analysis Date: 9/9/2016 Collected: 9/1/2016

Project: Tocon Property Asbestos

Test Report: Asbestos Analysis of Air Samples by Transmission Electron Microscopy via NIOSH Method 7402

Sample	Volume (Liters)	Non Asbestos Fibers	PCM F/cc	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	7402 Adjusted (TEM) F/cc	Notes
1 351606369-0001	4689	1	0.001			0	<0.001	
2 351606369-0002	4530	0	0.001			0	<0.001	
3 351606369-0003	4243	2	0.001			0	<0.001	
4 351606369-0004	4575.45	0	<0.001			0	<0.001	

NIOSH 7402 method only reports fibers > 5µm in length and > 0.25µm in width.

This method requires a minimum of 2 field blank analyses per set. The above results are not blank corrected Average number of asbestos fibers on field blanks: n/a

Average number of non-asbestos fibers on field blanks: n/a

Analyst(s)

Rachel Travis (4)

Rachel Travis, Laboratory Manager or other approved signatory

EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial report from 09/09/2016 14:01:37

OrderID: 351606369

EMSL EMSL ANALYTICAL, INC.

Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

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1 //	*)/ a	9
ιv		/
	~ 🖳	

PHONE: (FAX:

EMSL ANALYTICAL, INC.

Company : Tetra Tech	1					-Bill to: Same Different Different note instructions in Comments**			
Street: 1 S Wacker Dr	ive	·		Third Party Bil	ling requires written authorizat	ion from third party			
City: Chicago		State/Pro	vince: IL	Zip/Postal Code: 60606 Country: United States					
Report To (Name): Cl	hris Burns and	Andre Bal	ker	Fax #:					
Telephone #: 312,20° 312,201,7760	1.7719			Email Address: Chris.burns@tetratech.com Andre.baker@tetratech.com					
Project Name/Number									
Please Provide Resul	its: 🗌 Fax 💆	Email]	Purchase Order		U.S. State Samples Tak	en: Indiana			
3 Hour 6	Hour 🛛 🗸 24	Turnar 4 Hour	ound Time (TAT)	Options* - Please	Check 96 Hour 🔯 1 Wee	k 2 Week			
For TEM Air 3 hr through	6 hr, please call ahe	ed to sched	ule.*There is a premit	ım charge for 3 Hour TE	M AHERA or EPA Level II TAT.	You will be asked to sign			
an authorization for	rm for this service.	Analysis cor	mpleted in accordance	e with EMSL's Terms an	d Conditions located in the Anal	ytical Price Guide			
PCM - Air		1 =		5hr TAT (AHERA only	·				
NIOSH 7400		1 =	AHERA 40 CFI	R, Part 763	Microvac - ASTM				
w/ OSHA 8hr. TWA			NIOSH 7402		☐ Wipe - ASTM D6	1			
PLM - Bulk (reporting PLM EPA 600/R-93		JĘ	EPA Level II			n (EPA 600/J-93/167)			
PLM EPA 600/R-93	, ,	ļ- <u></u> -	_ ISO 10312 EM - Bulk		Soil/Rock/Vermicul				
Point Count	70)	(=	TEM EPA NOB		PLM CARB 435 -	A (0,25% sensitivity)			
7	IOO (<0 1%)		NYS NOB 198.		•				
☐ 400 (<0.25%) ☐ 1000 (<0.1%) ☐ NYS NO Point Count w/Gravimetric ☐ Chatfield				* (11011-1118DIG-141)	1 ==	☐ TEM CARB 435 - B (0.1% sensitivity) ☐ TEM CARB 435 - C (0.01% sensitivity)			
l ! LE				lysis-EPA 600 sec. 2		•			
			EM - Water: EPA		EPA Protocol (Qu	-			
NYS 198.6 NOB (n		F	ibers >10µm	Waste Drinking					
☐ NIOSH 9002 (<1%) All Fiber Sizes ☐ Wa			Waste Drinking						
		For Pos	sitive Stop - Cle	arly Identify Hon	nogenous Group				
Samplers Name: Andi	re Baker			Samplers Signate	ıre:				
Sample #	-	Sa	mple Description	<u> </u>	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled			
1	TPA-N2-041-09	0116			4689 L	9/1/16			
2	TPA-W2-042-09	0116			4530 L	9/1/16			
3	TPA-S2-043-09	0116	· · · · · · · · · · · · · · · · · · ·		4243 L	9/1/16			
4	TPA-SW-044-0	90116	<u>.</u>	<u> </u>	4575.45 L	9/1/16			
5	Field Blank 045	<u> </u>							
6	·								
7	I								
		· 							
Client Sample # (s):	 	 	<u> </u>		Total # of Samples:	5			
Relinquished (Client):	Andre Baker	<u> </u>	Date:	9/1/16	Time	1000			
Received (Lab): 977	Marine	l FF	Date:	5/2/16	Time	n: 9:75			
Comments/Special In:	structions: PCA	A Sample	has a 24 hr TAT		n) CT L+abs and Copy Re				
						·			



Suite 3700

1 South Wacker Dr.

Chicago, IL 60606

Project: Tocon Property Asbestos

Attention: Chris Burns

EMSL Order: 351606395 Customer ID: TEHC25

Customer PO: Project ID:

Phone: (312) 201-7700

Fax:

Received Date: 09/06/2016 9:00 AM

Analysis Date: 09/06/2016 **Collected Date**: 09/02/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc	Notes
1	TPA-N2-046-090216	9/02/2016	4212.00	<5.5	100	0.001	<7.01	<0.001	
351606395-0001									
2	TPA-W2-047-090216	9/02/2016	3733.00	<5.5	100	0.001	<7.01	<0.001	
351606395-0002									
3	TPA-S2-048-090216	9/02/2016	4175.00	5.5	100	0.001	7.01	0.001	
351606395-0003									
4	TPA-SW-049-090216	9/02/2016	4606.00	<5.5	100	0.001	<7.01	<0.001	
351606395-0004									
5	Field Blank 050	9/02/2016		<5.5	100		<7.01		Field Blank
351606395-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

Rachel Travis PCM (5)

Rachel Travis, Laboratory Manager or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial Report From: 09/06/2016 13:30:43



Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

6395

PHONE: (

							
Company : Tetra Ted	:h		EMSL-Bill to: Same Different If Bill to is Different note instructions in Comments**				
Street: 1 S Wacker D	rive		Third Party Billi	ing requires written authorizat	ion from third party		
City: Chicago	Stat	te/Province: IL	Zip/Postal Code: 6		ntry: United States		
Report To (Name): (hris Burns and And	re Baker	Fax #:				
Telephone #: 312.20 312.201.7760	01.7719		Email Address: Chris.burns@tetratech.com Andre.baker@tetratech.com				
Project Name/Numbe	er: Tocon Property	/ Asbestos					
Please Provide Resi				U.S. State Samples Tak	en: Indiana		
3 Hour 6	Hour 🛛 🔀 24 Ho	urnaround Time (TAT)	Options* – Please (F	k I 🗀 21Maati		
*For TEM Air 3 hr through	6 hr, please call ahead to	schedule.*There is a premiu	ım charge for 3 Hour TEI	MAHERA or EPA Level II TAT.	You will be asked to sign		
en authorization fi	orm for this service. Anal		e with EMSL's Terms and 5hr TAT (AHERA only)	Conditions located in the Anal	ytical Price Guide.		
NIOSH 7400		AHERA 40 CFI	• • • • • • • • • • • • • • • • • • • •	Microvac - ASTM	I D 5755		
W OSHA 8hr. TW	A		11, 1 alt 105	Wipe - ASTM D6	0.00		
PLM - Bulk (reporting		☐ EPA Level II		1 = '	n (EPA 600/J-93/167)		
☐ PLM EPA 600/R-9		☐ ISO 10312		Soil/Rock/Vermicul	·		
PLM EPA NOB (<	1%)	TEM - Bulk			A (0.25% sensitivity)		
Point Count		☐ TEM EPA NOB		[B (0.1% sensitivity)		
<u> </u>		☐ NYS NOB 198.4	4 (non-friable-NY)	TEM CARB 435	B (0.1% sensitivity)		
Point Count w/Gravim		☐ Chatfield SOP	☐ TEM CARB 435 - C (0.01% sensitivit				
[, ,		lysis-EPA 600 sec. 2.	 `	•		
NYS 198.1 (friable	•	TEM - Water: EPA		EPA Protocol (Qu	uantitative)		
☐ NYS 198.6 NOB (ŕ	• -	Waste Drinking	Other:			
☐ NIOSH 9002 (<1%		All Fiber Sizes	<u> </u>				
	☐ CHECK FO	r Positive Stop – Cle	any identity Hom	ogenous Group			
Samplers Name: And	ire Baker		Samplers Signatu	re:	ļ		
Sample #		Sample Description		Volume/Area (Air) HA # (Bulk)	Date/Time Sampled		
1	TPA-N2-046-09021	6		4212 L	9/2/16		
2	TPA-W2-047-09021	6		3733 L	9/2/16		
3	TPA-S2-048-090210	6		4175 L	9/2/16		
4	TPA-SW-049-09021	16		4606 L	9/2/16		
5	Field Blank 050				V/2 10		
6							
7	,						
Client Sample # (s):		-		Total # of Samples:	5		
Relinquished (Client)	: Andre Baker	Date:	9/2/16	Time	: 1 <i>80</i> 0		
Received (Lab): Kg	rects FE	Date:	9/6/16	Time	0:00		
Comments/Special In TEM has 1 Week TAT	structions: PCM Sa *** Please invoice [mple has a 24 hr TAT Dennis Linley (dlinley@	ctlaboratories.com) CT L+abs and Copy Re	port		
Controlled Document - Asbestos COC - R	2-1H2/2010 8094	2523 5666					



14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

http://www.EMSL.com minneapolislab@emsl.com

EMSL Order: CustomerID:

ProjectID:

351606397 TEHC25

CustomerPO:

Chris BurnsTetra Tech, Inc.1 South Wacker Dr.Suite 3700

Chicago, IL 60606

Project: Tocon Property Asbestos

Phone: (312) 201-7700

Fax:

Received: 09/06/16 9:00 AM

Analysis Date: 9/12/2016

Collected: 9/2/2016

Test Report: Asbestos Analysis of Air Samples by Transmission Electron Microscopy via NIOSH Method 7402

Sample	Volume (Liters)	Non Asbestos Fibers	PCM F/cc	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	7402 Adjusted (TEM) F/cc	Notes
1 351606397-0001	4212	1	<0.001			0	<0.001	
2 351606397-0002	3733	1	<0.001			0	<0.001	
3 351606397-0003	4175	0	0.001			0	<0.001	
4 351606397-0004	4606	0	<0.001			0	<0.001	

NIOSH 7402 method only reports fibers > 5µm in length and > 0.25µm in width.

This method requires a minimum of 2 field blank analyses per set. The above results are not blank corrected Average number of asbestos fibers on field blanks: n/a

Average number of non-asbestos fibers on field blanks: n/a

Analyst(s)

Rachel Travis (4)

Rachel Travis, Laboratory Manager or other approved signatory

EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial report from 09/12/2016 17:31:16

EMSL

Asbestos	Chain o	f Custody
EMSL Order	Number	(Lab Use Only):

6397

EMSL ANALYTICAL, INC

PHONE: (Fax:

Company : Tetra Tech	1		EMSL-Bill to: Same Different If Bill to is Different note instructions in Comments**				
Street: 1 S Wacker Dri	ive		Third Party Bill	ing requires written autho	rization from third party		
City: Chicago	State/P	rovince: IL	Zip/Postal Code: 60606 Country: United States				
Report To (Name): Ch	nris Burns and Andre B	aker	Fax #:				
Telephone #: 312.201 312.201.7760			Email Address: (Andre.baker@tetr	Chris.burns@tetratec atech.com	h.com		
Project Name/Number				II C Otato Complet	Takan: Indiana		
Please Provide Resul				U.S. State Samples	I akeni indena		
3 Hour 61	Hour 🛛 🔀 24 Hour	around Time (TAT)	Options" Please	Check ☐ 96 Hour	Week 2 Week		
*For TFM Air 3 hr through	6 hr. please call ahead to sch	edule.*There is a premiu	m charge for 3 Hour TE	M AHERA or EPA Level II	TAT. You will be asked to sign		
an authorization for	rm for this service. Analysis	completed in accordance	with EMSL's Terms and	d Conditions located in the	Analytical Price Guide.		
PCM - Air		<u>1EM - AIF</u>	5hr TAT (AHERA only) 2. Part 763	Microvac - AS	STM D 5755		
☑ NIOSH 7400 □ w/ OSHA 8hr. TWA		☐ AHERA 40 CFF	N, Fait /03	☐ Wipe - ASTM			
PLM - Bulk (reporting		EPA Level II		,	ation (EPA 600/J-93/167)		
PLM - Bulk (reporting		ISO 10312		Soil/Rock/Verm			
PLM EPA NOB (<1		TEM - Bulk			35 - A (0.25% sensitivity)		
Point Count	·• <i>)</i>	TEM EPA NOB			135 - B (0.1% sensitivity)		
Point Count [] 400 (<0.25%) [] 10	100 (<0.1%)		f (non-friable-NY)		135 - B (0.1% sensitivity)		
Point Count w/Gravime	-	☐ Chatfield SOP	,	i —	l35 - C (0.01% sensitivity)		
		TEM Mass Anal	ysis-EPA 600 sec. 2	<u></u>	I (Semi-Quantitative)		
NYS 198.1 (friable	•	TEM - Water: EPA		☐ EPA Protoco	•		
NYS 198.6 NOB (n	·	Fibers >10µm					
☐ NIOSH 9002 (<1%)		· -	Waste Drinking				
		ositive Stop – Cle	arly identify Hon	ogenous Group			
Samplers Name: And	re Baker		Samplers Signati	ite:			
Sample #		Sample Description	1	Volume/Arez (/ HA # (Bulk)	* 1		
	TDA NO 040 000040			4212 L	9/2/16		
1	TPA-N2-046-090216			4212L	ग्रद्धा । प		
2	TPA-W2-047-090216			3733 L	9/2/16		
				41781	9/2/16		
3	TPA-S2-048-090216		<u> </u>	4175 L 4606	314110		
4	TPA-SW-049-090216			Ĺ	9/2/16		
5	Field Blank 050						
6							
7							
		_		1			
Client Sample # (s):				Total # of Sample	es: 5		
Relinquished (Client)	Andre Baker	Date:	9/2/16		Time: GOV		
Received (Lab): Kg	easts FE	Date:	9/6/16		Time: 9 00		
Comments/Special In TEM has 1 Week TAT	structions: PCM Samp *** Please invoice Der	ole nas a 24 hr TAT ìnis Linley (dlinley€	/ Bctlaboratories.com	n) CT L+abs and Cop	y Report		
Controlled Decement - Ashestos COC - R	2-1/12/2010	v - n - r r r r	<u> </u>				



Suite 3700

1 South Wacker Dr.

Chicago, IL 60606

Project: Tocon Property Asbestos

Attention: Chris Burns

EMSL Order: 351606432 Customer ID: TEHC25

Customer PO: Project ID:

Phone: (312) 201-7700

Fax:

Received Date: 09/07/2016 9:20 AM

Analysis Date: 09/07/2016 **Collected Date**: 09/06/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc	Notes
1	TPA-N2-051-090616	9/06/2016	4606.61	13	100	0.001	16.6	0.001	
351606432-0001									
2	TPA-S2-052-090616	9/06/2016	4493.57	10	100	0.001	12.7	0.001	
351606432-0002									
3	TPA-SW-053-090616	9/06/2016	4140.18	16	100	0.001	20.4	0.002	
351606432-0003									
4	TPA-W2-054-090616	9/06/2016	4073.92	8.5	100	0.001	10.8	0.001	
351606432-0004									
5	Field Blank 055	9/06/2016		<5.5	100		<7.01		Field Blank
351606432-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

Rachel Travis PCM (5)

Rachel Travis, Laboratory Manager or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn



Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

6432

PHONE: (FAX:

	1		ENG	I Dill to: Same M Di			
Company : Tetra Tech			EMSL-Bill to: Same Different If Bill to is Different note instructions in Comments**				
Street: 1 S Wacker Dr			Third Party Billin	g requires written authorization	on from third party		
City: Chicago	State/i	Province: IL	Zip/Postal Code: 60	Postal Code: 60606 Country: United States			
Report To (Name): Ci	ris Burns and Andre	Baker	Fax #:				
Telephone #: 312.201 312.201.7760			Email Address: Chris.burns@tetratech.com				
			Andre.baker@tetra	tecit.com			
Project Name/Number			- T	U.S. State Samples Take	en: Indiana		
1 10000 1 10 1000		naround Time (TAT)		· · · · · · · · · · · · · · · · · · ·			
	lour 🛛 🖂 24 Hour	48 Hour	72 Hour	96 Hour 🛛 🖾 1 Week			
*For TEM Air 3 hr through	6 hr, please call ahead to so	hedule *There is a premiu	m charge for 3 Hour TEM	AHERA or EPA Level II TAT Conditions located in the Analy	You will be asked to sign		
PCM - Air	III IOI UIIS SELVICE. Allaiysis		5hr TAT (AHERA only)	TEM- Dust	ardar i 1700 Galadi.		
NIOSH 7400		☐ AHERA 40 CFF		☐ Microvac - ASTM	D 5755		
☐ w/ OSHA 8hr. TWA			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	☐ Wipe - ASTM D64	1		
PLM - Bulk (reporting		EPA Level II		☐ Carpet Sonication			
☐ PLM EPA 600/R-93		☐ ISO 10312		Soil/Rock/Vermiculi	·		
PLM EPA NOB (<1°	• •	TEM - Bulk		PLM CARB 435 -	A (0.25% sensitivity)		
Point Count	,	☐ TEM EPA NOB		1 —	B (0.1% sensitivity)		
☐ 400 (<0.25%) ☐ 10	00 (<0.1%)	☐ NYS NOB 198.4	(non-friable-NY)	☐ TEM CARB 435 -	•		
Point Count w/Gravime	•	☐ Chatfield SOP	,	☐ TEM CARB 435 -	☐ TEM CARB 435 - C (0.01% sensitivity)		
☐ 400 (<0.25%) ☐ 10	00 (<0.1%)	☐ TEM Mass Ana	ysis-EPA 600 sec. 2.	5 EPA Protocol (Se	mi-Quantitative)		
NYS 198.1 (friable in NY) TEM - Water: EP			100.2	☐ EPA Protocol (Qu	antitative)		
NYS 198.6 NOB (n	•	Fibers >10µm	Waste Drinking	Other:			
☐ NIOSH 9002 (<1%	·	All Fiber Sizes	Waste Drinking				
		Positive Stop - Cle	arly Identify Home	ogenous Group			
Samplers Name: Jaso	on Cashmere		Samplers Signatu	re:			
Sample #		Sample Description		Volume/Area (Air) HA # (Bulk)	Date/Time Sampled		
	TDA NO 054 000646			4606.61 L	9/6/16		
1	TPA-N2-051-090616			4000.01 L	3/0/10		
2	TPA-S2-052-090616			4493.57 L	9/6/16		
3	TPA-SW-053-090616			4140,18 L	9/6/16		
4	TPA-W2-054-090616			4073.92 L	9/6/16		
5	Field Blank 055						
6	**						
7							
Client Sample # (s):		*		Total # of Samples:	5		
Relinquished (Client)	lane College	N-4a-	010146				
		Date:	9/6/16	Time	_		
Received (Lab):	SIRW FE	Date:	9/7/10	<u>Time</u>	: 9:20		
TEM has 1 Week TAT	structions: PCM Sam *** Please invoice De	pie nas a 24 nr 1A1 nnis Linley (dlinley(octlaboratories.com) CT Labs and Copy Rep	ort		
Controlled Document - Asbestos COC - R	- 1/12/2010				······································		



14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

http://www.EMSL.com

minneapolislab@emsl.com

EMSL Order: CustomerID:

ProjectID:

351606433 TEHC25

CustomerPO:

Chris Burns Tetra Tech, Inc. 1 South Wacker Dr.

Suite 3700 Chicago, IL 60606

Project: Tocon Property Asbestos

(312) 201-7700 Phone:

Fax:

Received: 09/07/16 9:20 AM

Analysis Date: 9/12/2016

Collected: 9/6/2016

Test Report: Asbestos Analysis of Air Samples by Transmission Electron Microscopy via NIOSH Method 7402

Sample	Volume (Liters)	Non Asbestos Fibers	PCM F/cc	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	7402 Adjusted (TEM) F/cc	Notes
1 351606433-0001	4606.61	2	0.001			0	<0.001	
2 351606433-0002	4493.57	6	0.001			0	<0.001	
3 351606433-0003	4140.18	6	0.002			0	<0.001	
4 351606433-0004	4073.92	8	0.001			0	<0.001	

NIOSH 7402 method only reports fibers $> 5\mu m$ in length and $> 0.25\mu m$ in width. This method requires a minimum of 2 field blank analyses per set. The above results are not blank corrected Average number of asbestos fibers on field blanks: n/a Average number of non-asbestos fibers on field blanks: n/a

Analyst(s) Rachel Travis (4)

Rachel Travis, Laboratory Manager or other approved signatory

EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted. Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial report from 09/12/2016 17:44:10

EMSL ANALYTICAL, INC.

Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

EMBL ANALYTICAL, INC.

6433 KLG 6432

PHONE: (

41/7/16									
Company : Tetra Tech			EMSL-Bill to: Same Different If Bill to is Different note instructions in Comments**						
Street: 1 S Wacker Dri	ve		Third Party Billing requires written authorization from third party						
City: Chicago	State/P	rovince: IL	Zip/Postal Code:	ntry: United States					
Report To (Name): Chris Burns and Andre Baker			Fax #:						
Telephone #: 312.201 312.201.7760			Email Address: Chris.burns@tetratech.com Andre.baker@tetratech.com						
Project Name/Number: Tocon Property Asbestos									
Please Provide Results: Fax Email Purchase Order: U.S. State Samples Taken: Indiana									
Turnaround Time (TAT) Options* - Please Check 3 Hour 5 Hour 24 Hour 48 Hour 72 Hour 96 Hour 1 Week 1 2 Wee									
			72 Hour m charge for 3 Hour TE	M AHERA or EPA Level II TAT.					
an authorization for	m for this service. Analysis	completed in accordance	with EMSL's Terms an	d Conditions located in the Anal	ytical Price Guide.				
PCM - Air		<u>TEM − Air</u>	•	·					
⊠ NIOSH 7400	:	AHERA 40 CFF	R, Part 763	Microvac - ASTM					
w/ OSHA 8hr. TWA		☑ NIOSH 7402		☐ Wipe - ASTM D6					
PLM - Bulk (reporting		EPA Level II			n (EPA 600/J-93/167)				
☐ PLM EPA 600/R-93/	1 1	☐ ISO 10312			Soil/Rock/Vermiculite				
PLM EPA NOB (<19	6)	TEM - Bulk			PLM CARB 435 - A (0.25% sensitivity)				
Point Count	00 (40 40()	TEM EPA NOB		. —	☐ PLM CARB 435 - B (0.1% sensitivity) ☐ TEM CARB 435 - B (0.1% sensitivity)				
☐ 400 (<0.25%) ☐ 10 Point Count w/Gravime	•	☐ NYS NOB 198.4	(non-mable-ivy)						
400 (<0.25%) [] 10			☐ TEM CARB 435 - C (0.01% sensitions) TEM CARB 435 - C (0.01% sensitions) EPA Protocol (Semi-Quantitative)						
NYS 198.1 (friable i	•	TEM - Water: EPA							
NYS 198.6 NOB (no	•	Fibers >10µm		adimitative)					
l <u></u>	•	All Fiber Sizes	= - 						
NIOSH 9002 (<1%)		ositive Stop - Cla		<u></u>					
		oaiuve Stop - Ole	arry rue rury rion	nogenous Group					
Samplers Name: Jaso	n Cashmere		Samplers Signat						
Sample #		Sample Description	<u>-</u>	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled				
1	TPA-N2-051-090616			4606.61 L	9/6/16				
2	TPA-S2-052-090616			4493.57 L	9/6/16				
3	TPA-SW-053-090616			4140.18 L	9/6/16				
4	TPA-W2-054-090616			4073.92 L	9/6/16				
5	Field Blank 055								
6									
7	: 								
Client Sample # (s):		<u> </u>		Total # of Samples:	5				
Relinquished (Client):	Jason Cashmere	Date:	9/6/16	Time	: 1700				
Received (Lab): KS/TWD FE Date: 9/7//6					: 9.20				
Comments/Special Instructions: PCM Sample has a 24 hr TAT TEM has 1 Week TAT *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report									
Chartenness (Newmont - Anhestes COC - D)	4/40/004a								



Suite 3700

1 South Wacker Dr.

Chicago, IL 60606

Project: Tocon Property Asbestos

Attention: Chris Burns

EMSL Order: 351606456 Customer ID: TEHC25

Customer PO: Project ID:

Phone: (312) 201-7700

Fax:

Received Date: 09/08/2016 9:20 AM

Analysis Date: 09/08/2016 **Collected Date**: 09/07/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc	Notes
1	TPA-N2-056-090716	9/07/2016	2936.00	11	100	0.001	14.0	0.002	
351606456-0001									
2	TPA-S2-057-090716	9/07/2016	5376.77	14	100	0.001	17.8	0.001	
351606456-0002									
3	TPA-SW-058-090716	9/07/2016	5528.41	10	100	0.0005	12.7	0.001	
351606456-0003									
4	TPA-W2-059-090716	9/07/2016	5515.40	8	100	0.0005	10.2	0.001	
351606456-0004									
5	Field Blank 060	9/07/2016		<5.5	100		<7.01		Field Blank
351606456-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

Rachel Travis PCM (5)

Rachel Travis, Laboratory Manager or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn





Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

PHONE: (FAX:

Company : Tetra Tec	h		EMSL-Bill to: Same Different If Bill to is Different note instructions in Comments**				
Street: 1 S Wacker D	rive		Third Party Billing requires written authorization from third party				
City: Chicago State/Province: IL			Zip/Postal Code: 60606 Country: United Stat				
Report To (Name): C	thris Burns and Andre i	Baker	Fax #:				
Telephone #: 312.20 312.201.7760			Email Address: Chris.burns@tetratech.com Andre.baker@tetratech.com				
Project Name/Number				U.S. State Samples Tal	en: Indiana		
Please Provide Rest) Options* - Please Check				
	Hour X 24 Hour	48 Hour	72 Hour	🗌 96 Hour 🛛 🖂 1 Wee			
*For TEM Air 3 hr through	6 hr. please call ahead to sci	hedule.*There is a premiu	m charge for 3 Hour TE	M AHERA or EPA Level II TAT.	You will be asked to sign		
PCM - Air	orm tor this service. Analysis		5hr TAT (AHERA only	nd Conditions located in the Anal	ytical Price Guide.		
NIOSH 7400		AHERA 40 CF	•	☐ Microvac - ASTM	I D 5755		
W OSHA 8hr. TW	A	NIOSH 7402	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	☐ Wipe - ASTM D6	1 =		
PLM - Bulk (reporting		☐ EPA Level II		— ·	n (EPA 600/J-93/167)		
PLM EPA 600/R-9:		☐ ISO 10312		Soil/Rock/Vermicu			
☐ PLM EPA NOB (<1	• •	TEM - Bulk			· A (0.25% sensitivity)		
Point Count	,	TEM EPA NOB		\	PLM CARB 435 - B (0.1% sensitivity)		
☐ 400 (<0.25%) ☐ 1	000 (<0.1%)		4 (non-friable-NY)	1	☐ TEM CARB 435 - B (0.1% sensitivity)		
Point Count w/Gravim	etric	Chatfield SOP		☐ TEM CARB 435	TEM CARB 435 - C (0.01% sensitivity)		
 	000 (<0.1%)	TEM Mass Ana	lysis-EPA 600 sec.	emi-Quantitative)			
NYS 198.1 (friable	in NY)	TEM - Water: EP/	100.2	uantitative)			
📋 NYS 198.6 NOB (i	non-friable-NY)	Fibers >10µm	Waste 🔲 Drinkin	g Other:	Other:		
☐ NIOSH 9002 (<1%	b)	All Fiber Sizes	Waste Drinkin	g <u></u>			
	☐ Check For F	ositive Stop - Cle	early Identify Hor	nogenous Group			
Bamplers Name: Jas	on Cashmere		Samplers Signal		-		
Sample #		Sample Description	1	V∳lume/Area (Air) HA # (Bulk)	Date/Time Sampled		
	TPA-N2-051-090716			2936 L	9/7/16		
	1						
	TPA-S2-052-090716			5376.77 L	9/7/16		
3	TPA-SW-053-090716	····		5528.41 L	9/7/16		
4	TPA-W2-054-090716			5515.40 L	9/7/16		
5	Field Blank 055				9/7/16		
6							
7							
Client Sample # (s):	<u> </u>			Total # of Samples:	5		
Relinquished (Client): Jason Oashmere	Date:	9/7/16	Tim	1000		
Received (Lab): 1/9		Date:	9/8/16		A :-		
Comments/Special II	nstructions: PCM Sam	ple has a 24 hr TAT		111111111111111111111111111111111111111			
	T *** Please invoice De			m) CT Labs and Copy Re	port		



14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

http://www.EMSL.com minneapolislab@emsl.com

EMSL Order: CustomerID: 351606457

erID: TEHC25

CustomerPO: ProjectID:

Chris Burns
Tetra Tech, Inc.
1 South Wacker Dr.
Suite 3700

Chicago, IL 60606

Project: Tocon Property Asbestos

Phone: (312) 201-7700

Fax:

Received: 09/08/16 9:20 AM

Analysis Date: 9/13/2016

Collected: 9/7/2016

Test Report: Asbestos Analysis of Air Samples by Transmission Electron Microscopy via NIOSH Method 7402

Sample	Volume (Liters)	Non Asbestos Fibers	PCM F/cc	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	7402 Adjusted (TEM) F/cc	Notes
1 351606457-0001	2936	2	0.002			0	<0.001	
2 351606457-0002	5376.77	2	0.001			0	<0.001	
3 351606457-0003	5528.41	3	0.001			0	<0.0005	
4 351606457-0004	5515.40	3	0.001			0	<0.0005	

NIOSH 7402 method only reports fibers > 5µm in length and > 0.25µm in width.

This method requires a minimum of 2 field blank analyses per set. The above results are not blank corrected Average number of asbestos fibers on field blanks: n/a

Average number of non-asbestos fibers on field blanks: n/a

Analyst(s)

Rachel Travis (4)

Rachel Travis, Laboratory Manager or other approved signatory

EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial report from 09/13/2016 14:13:56

OrderID: 351606457



Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

PHONE: (FAX

EMSL ANALYTICAL, INC.

KIG -6456 6457

	SMOLDINAS TO SMOOTH								
Company : Tetra Tech			EMSL-Bill to: Same Different If Bill to is Different note instructions in Comments**						
Street: 1 S Wacker Drive				Third Party Billing requires written authorization from third party					
City: Chicago State/Province: IL			Zip/Postal Code: 60606 Country: United States						
Report To (Name): Chris Burns and Andre Baker				Fax #:					
Telephone #: 312.201.7719 312.201.7760				Email Address: Chris.burns@tetratech.com Andre.baker@tetratech.com					
Project Name/Numbe									
Please Provide Results: Fax Email Purchase Order: U.S. State Samples Taken: Indiana									
Turnaround Time (TAT) Options* Please Check 3 Hour									
3 Hour 6 Hour 24 Hour 48 Hour 72 Hour 96 Hour 1 1 Week 2 Week									
an authorization fo	rm for this service	. Analysis (completed in accordance	with EMSL's Terms and	Conditions located in the Analy	tical Price Guide.			
PCM - Air				5hr TAT (AHERA only)	TEM- Dust	i			
		}	AHERA 40 CFF	R, Part 763	Microvac - ASTM				
w/ OSHA 8hr. TWA	<u> </u>	 !	☑ NIOSH 7402		☐ Wipe - ASTM D64	180			
PLM - Bulk (reporting	<u>(imit)</u>		EPA Level II		☐ Carpet Sonication	(EPA 600/J-93/167)			
PLM EPA 600/R-93	/116 (<1%)		☐ ISO 10312		Soil/Rock/Vermiculi	<u>te</u>			
PLM EPA NOB (<1	%)		TEM - Bulk		☐ PLM CARB 435 -	PLM CARB 435 - A (0.25% sensitivity)			
Point Count			☐ TEM EPA NOB		☐ PLM CARB 435 -	PLM CARB 435 - B (0.1% sensitivity)			
[] 400 (<0.25%) [] 10	000 (<0.1%)		☐ NYS NOB 198.4	(non-friable-NY)	1 	TEM CARB 435 - B (0.1% sensitivity)			
Point Count w/Gravime		j	☐ Chatfield SOP		☐ TEM CARB 435 - C (0.01% sensitivity)				
[] 400 (<0.25%) [] 10	00 (<0.1%)			lysis-EPA 600 sec. 2.5 EPA Protocol (Semi-Quantitativ					
NYS 198.1 (friable	in NY)		TEM - Water: EPA	100.2	.2				
NYS 198.6 NOB (n	on-friable-NY)		Fibers >10µm 🔲	Waste 🗌 Drinking	Other:				
NIOSH 9002 (<1%)	<u>.</u>]	All Fiber Sizes	Waste Drinking					
	☐ Che	ck For Pe	ositíve Stop – Cle	arly Identify Homo	genous Group				
Samplers Name: Jaso	on Cashmere			Samplers Signatur	e: Orph	-			
Sample # Sample Des			Sample Description		V∳lume/Area (Air) HA # (Bulk)	Date/Time Sampled			
	704 110 054	000740			2000	1			
1	TPA-N2-051-	090/16			2936 L	9/7/16			
2	TPA-S2-052-	090716			5376.77 L	9/7/16			
3	TPA-SW-053	-090716			5528.41 L	9/7/16			
4	TPA-W2-054	-090716			5515.40 L	9/7/16			
5	Field Blank 055					9/7/16			
6									
7									
Cilient Sample # (s): - Total # of Samples: 5									
Relinquished (Client)	: Jason Car	LP 6	Date:	9/7/16	Time	: 1635			
Received (Lab): Klipper FE Date				9/8/16	Time	: 920			
Comments/Special Instructions: PCM Sample has a 24 hr TAT TEM has 1 Week TAT *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report									
	1899000					ليبرد مستحي بياست سيبسس			

8094 2523 5644



Suite 3700

1 South Wacker Dr.

Chicago, IL 60606

Project: Tocon Property Asbestos

Attention: Chris Burns

EMSL Order: 351606555 **Customer ID:** TEHC25

Customer PO: Project ID:

Phone: (312) 201-7700

Fax:

Received Date: 09/12/2016 9:15 AM

Analysis Date: 09/13/2016 **Collected Date**: 09/09/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc	Notes
1	TPA-N2-061-090916	9/09/2016	2902.08	<5.5	100	0.001	<7.01	<0.001	
351606555-0001									
2	TPA-S2-062-090916	9/09/2016	5144.16	<5.5	100	0.001	<7.01	<0.001	
351606555-0002									
3	TPA-SW-063-090916	9/09/2016	5470.08	<5.5	100	0.0005	<7.01	<0.0005	
351606555-0003									
4	TPA-W2-064-090916	9/09/2016	5232.22	<5.5	100	0.001	<7.01	<0.001	
351606555-0004									
5	Field Blank 065	9/09/2016		<5.5	100		<7.01		Field Blank
351606555-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

George Sullivan PCM (5)

Rachel Travis, Laboratory Manager or Other Approved Signatory



Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

G555

PHONE: (

FAX:

Company : Tetra Te		*	If Bill (to is Different note instructions in C	Comments**	
Street: 1 S Wacker I	Orive		Third Party Bil	lling requires written authoriza	tion from third p	
City: Chicago	State	Province: IL	Zip/Postal Code:	60606 Cou	ntry: United	
Report To (Name):	Chris Burns and Andre	Baker	Fax #:			
Telephone #: 312.2 312.201.7760	01.7719			Chris.burns@tetratech.co	om	
Project Name/Numb	ari Toon Bronatis	lahaataa	Andre.baker@tet	ratech.com	***************************************	
Please Provide Res			ler:	U.S. State Samples Tal	en: Indiana	
	Tur		T) Options* - Please			
3 Hour 6	Hour 🛛 24 Hou	r 48 Hour	72 Hour	🗌 96 Hour 📗 1 Wee	k 2	
For TEM Air 3 hr throug: an authonzation:	h 6 hr, please call ahead to s form for this service. Analvsi	chedule.*There is a prei is completed in accorda	nium charge for 3 Hour TE nce with EMSI 's Terms an	M AHERA or EPA Level II TAT. nd Conditions located in the Anal	You will be asi Mical Pace Guid	
PCM - Air		TEM - Air 4	4.5hr TAT (AHERA only	TEM- Dust	yildar rice Gun	
NIOSH 7400		AHERA 40 C	-	☐ Microvac - ASTM	D 5755	
w/ OSHA 8hr. TV	/A	☐ NIOSH 7402		☐ Wipe - ASTM D6		
PLM - Bulk (reporting	ng (imit)	☐ EPA Level II		☐ Carpet Sonication		
☐ PLM EPA 600/R-9		☐ ISO 10312		Soil/Rock/Vermicul		
☐ PLM EPA NOB (<	` '	TEM - Bulk		PLM CARB 435 -		
Point Count	•	☐ TEM EPA NO)B	PLM CARB 435	•	
☐ 400 (<0.25%) ☐ ⁴	1000 (<0.1%)		8.4 (non-friable-NY)	☐ TEM CARB 435		
Point Count w/Gravin	•	Chatfield SOI	·	☐ TEM CARB 435 - C (0 01% sensiti		
☐ 400 (<0.25%) ☐ 1	1000 (<0.1%)	TEM Mass A	nalysis-EPA 600 sec. 2	2.5 EPA Protocol (Se	emi-Quantitat	
☐ NYS 198.1 (friable	e in NY)	TEM - Water; E	PA 100.2	☐ EPA Protocol (Qu	uantitative)	
NYS 198.6 NOB	(non-friable-NY)	Fibers >10µm	☐ Waste ☐ Drinking		· <u>·····</u> ·	
☐ NIOSH 9002 (<19	%)	All Fiber Sizes	☐ Waste ☐ Drinking	,		
		Positive Stop - C	learly Identify Hon	nogenous Group		
Samplers Name: An	dre Baker		Samplers Signate			
Sample #		Sample Descripti	on	Volume/Area (Air) HA # (Bulk)	Date/ Sam	
1	TPA-N2-061-090916			L 2902.08	9/9/16	
_2	TPA-S2-062-090916			1 5194 10	9/9/16	
3	TPA-SW-063-090916			L S4 76.08	9/9/16	
4	TPA-W2-064-090916	······································		1 52 32.22	9/9/16	
5	Field Blank 065				9/9/16	
6						
7						
Client Sample # (s):		-	100 000	Total # of Samples:	5	
Relinquished (Client): Andre Baker	Date:	9/9/16	Time	e:	
Received (Lab): K Comments/Special II *** Please invoice De	Swar FE nstructions: PCM Sam ennis Linley (dlinley@c	Date: ple has a 24 hr TA tlaboratories.com)	T ***NO TEM SAM	Time PLE*** Report	: 975	
antrolled Document - Asbestos COC - R	000 1D 3	2523 56	33			



Suite 3700

1 South Wacker Dr.

Chicago, IL 60606

Project: Tocon Property Asbestos

Attention: Chris Burns

EMSL Order: 351606604 Customer ID: TEHC25

Customer PO: Project ID:

Phone: (312) 201-7700

Fax:

Received Date: 09/13/2016 9:35 AM

Analysis Date: 09/14/2016 **Collected Date**: 09/12/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc Notes
1	TPA-N2-066-090916	9/12/2016	5514.52	<5.5	100	0.0005	<7.01	<0.0005
351606604-0001								
2	TPA-S1-067-090916	9/12/2016	5397.68	<5.5	100	0.0005	<7.01	<0.0005
351606604-0002								
3	TPA-SW-068-090916	9/12/2016	5871.53	<5.5	100	0.0005	<7.01	<0.0005
351606604-0003								
4	TPA-W2-069-090916	9/12/2016	5435.52	<5.5	100	0.0005	<7.01	<0.0005
351606604-0004								
5	FB-070	9/12/2016		<5.5	100		<7.01	Field Blank
351606604-0005								

The results reported have been blank corrected as applicable.

Analyst(s):

George Sullivan PCM (5)

Rachel Travis, Laboratory Manager or Other Approved Signatory



Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

6604

PHONE: (FAX:

EMSL ANALYTICAL, INC.

Company : Tetra Tec	h		EMSL-Bill to: Same Different If Bill to is Different note instructions in Comments**						
Street: 1 S Wacker D									
		rovince: IL		illing requires written author	Country: United States				
City: Chicago									
	thris Burns and Andre E	saker	Fax #:						
Telephone #: 312.20 312.201.7760			Email Address: Chris.burns@tetratech.com Andre.baker@tetratech.com						
Project Name/Numbe				THO Otata Camples	T-1 I4:				
Please Provide Resu		│ │ Purchase Order around Time (TAT)		U.S. State Samples	1 aken: Indiana				
3 Hour 6	Hour 24 Hour	48 Hour	72 Hour		Veek 2 Week				
*For TEM Air 3 hr through	6 hr, please call ahead to sch	edule.*There is a premiu	m charge for 3 Hour T	EM AHERA or EPA Level II T	AT. You will be asked to sign				
an authorization fo	orm for this service. Analysis	completed in accordance TEM - Air			Analytical Price Guide.				
NIOSH 7400		AHERA 40 CFF		Microvac - AS	ETM D 6766				
W/ OSHA 8hr. TW	Δ	☐ NIOSH 7402	K, Fait 703	☐ Wipe - ASTM					
PLM - Bulk (reporting	·	☐ EPA Level II		I == '	ation (EPA 600/J-93/167)				
PLM EPA 600/R-93		☐ ISO 10312		Soil/Rock/Vermi					
PLM EPA 900/K-9.	• •	TEM - Bulk			35 - A (0.25% sensitivity)				
Point Count	170)	TEM EPA NOB			35 - B (0.1% sensitivity)				
☐ 400 (<0.25%) ☐ 10	000 (<0.1%)	☐ NYS NOB 198.4							
Point Count w/Gravimetric Chatfield SOP			(11011)		35 - C (0.01% sensitivity)				
☐ 400 (<0.25%) ☐ 1000 (<0.1%) ☐ TEM Mass Ana			ysis-EPA 600 sec.	2.5 EPA Protocol	(Semi-Quantitative)				
NYS 198.1 (friable	in NY)	TEM - Water: EPA	100.2	☐ EPA Protocol	(Quantitative)				
☐ NYS 198.6 NOB (r	☐ NYS 198.6 NOB (non-friable-NY) Fibers >10µm ☐			g Other:					
☐ NIOSH 9002 (<1%) All Fiber Sizes ☐			Waste 🔲 Drinkin	g 🖂					
		ositive Stop – Cle	arly identify Ho	mogenous Group					
Samplers Name: Jas	on Cashmere		Samplers Signa	ture:					
Sample #		Sample Description	volume/Area (Air) Date HA # (Bulk) San						
i.	TDA NO 000 000046			5544 501	9/12/16				
<u> </u>	TPA-N2-066-090916			5514.52L	3/32/10				
2	TPA-S1-067-090916			5397.68L	9/12/16				
3	TPA-SW-068-090916	<u></u>		5871.53L	9/12/16				
4	TPA-W2-069-090916			5435.52L	9/12/16				
5	FB-070				9/12/16				
6									
7									
Client Sample # (s):	- ^ ^			Total # of Sample	es: 5				
Relinquished (Client)	: hkh	Date:	9 12 16	٦	Time: 1730				
Received (Lab):	KYWITH FE		9/13/10		rime: 9.35				
	nstructions: PCM Samp nnis Linley (dlinley@ct		***NO TEM ANA T Labs and Copy						
Controlled Document – Ashestos COC – R				**************************************					

8094 2523 5622



Suite 3700

1 South Wacker Dr.

Chicago, IL 60606

Project: Tocon Property Asbestos

Attention: Chris Burns

EMSL Order: 351606636 Customer ID: TEHC25

Customer PO: Project ID:

Phone: (312) 201-7700

Fax:

Received Date: 09/14/2016 9:25 AM

Analysis Date: 09/14/2016 **Collected Date**: 09/13/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc	Notes
1	TPA-N2-071-091316	9/13/2016	5366.48	<5.5	100	0.001	<7.01	<0.0005	
351606636-0001									
2	TPA-S1-072-091316	9/13/2016	5246.73	<5.5	100	0.001	<7.01	<0.001	
351606636-0002									
3	TPA-SW-073-091316	9/13/2016	4742.22	6.5	100	0.001	8.28	0.001	
351606636-0003									
4	TPA-W2-074-091316	9/13/2016	5045.14	<5.5	100	0.001	<7.01	<0.001	
351606636-0004									
5	FB-075	9/13/2016		<5.5	100		<7.01		Field Blank
351606636-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

George Sullivan PCM (5)

Rachel Travis, Laboratory Manager or Other Approved Signatory



Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

6636		

EMSL ANALYTICAL, INC.

PHONE: (

			EMSL-Bill to: ☐ Same ☒ Different						
Company : Tetra Tec	h			is Different note instructions in Co					
Street: 1 S Wacker D	rive		Third Party Billi	ng requires written authorizati	on from third party				
City: Chicago	Star	te/Province: IL	Zip/Postal Code: 6	0606 Cour	ntry: United States				
Report To (Name): C	hris Burns and And	re Baker	Fax #:						
Telephone #: 312.20 312.201.7760			Email Address: Chris.burns@tetratech.com Andre.baker@tetratech.com						
Project Name/Number									
Please Provide Resu		<u></u>	<u> </u>	U.S. State Samples Tak	en: Indiana				
3 Hour 6	Hour 🔯 24 Ho	urnaround Time (TAT) our 48 Hour	72 Hour	neck 96 Hour 1 1 Week	2 Week				
*For TEM Air 3 hr through	6 hr, please call ahead to	o schedule.*There is a premi	um charge for 3 Hour TEM	A AHERA or EPA Level II TAT.	You will be asked to sign				
	orm for this service. Anal			Conditions located in the Analy	tical Price Guide				
PCM - Air ☑ NIOSH 7400		☐ AHERA 40 CF	.5hr TAT (AHERA only)	TEM- Dust Microvac - ASTM	D 5755				
W OSHA 8hr. TW	٨	☐ NIOSH 7402	R, Pail 703	☐ Wipe - ASTM D64					
		EPA Level II		1 = 1	i (EPA 600/J-93/167)				
PLM - Bulk (reporting		I ISO 10312		Soil/Rock/Vermicuti					
PLM EPA NOB (<1	, ,			☐ PLM CARB 435 -					
Point Count	170)	TEM - Bulk TEM EPA NOE	,	☐ PLM CARB 435 -	•				
	000 (<0 1%)	I —	4 (non-friable-NY)	☐ TEM CARB 435 -	•				
☐ 400 (<0.25%) ☐ 1000 (<0.1%) ☐ NYS NOB 1 ☐ Point Count w/Gravimetric ☐ Chatfield S0			·						
			alysis-EPA 600 sec. 2.	1 7.2	•				
NYS 198.1 (friable in NY) TEM - Water: EP				☐ EPA Protocol (Qu					
☐ NYS 198.6 NOB (•] Waste ☐ Drinking						
☐ NIOSH 9002 (<1%	,		Waste Drinking						
☐ MOSH 9002 (<1%		or Positive Stop - Cl		ogenous Group					
			T						
Samplers Name: Jas	on Casnmere		Samplers Signatu	Volume/Area (Air)	Date/Time				
Sample #		Sample Description	n	HA # (Bulk)	Sampled				
	TDA NO 074 00424	^		5200 491	9/13/16				
1	TPA-N2-071-09131	<u> </u>		5366.48L	9/13/16				
2	TPA-S1-072-09131	6		5246.73L	9/13/16				
3	TPA-SW-073-0913	16		4742.22L	9/13/16				
4	TPA-W2-074-0913	16		5045.14L	9/13/16				
5	FB-075				9/13/16				
3	1 2013				W 10/ 10				
6									
7									
Client Sample # (s):	^ ^	<u>.</u>		Total # of Samples:	5				
Relinquished (Client)): Chilh	Date:	9 13 16	Time	e: 1700				
Received (Lab): ///		FE Date:	9/14/16	Time	: 9:25				
		ample has a 24 hr TAT Dctlaboratories.com) (23 5611				
Controlled Document - Asbestos COC - R	2 - 1/12/2010								

1



Suite 3700

1 South Wacker Dr.

Chicago, IL 60606

Project: Tocon Property Asbestos

Attention: Chris Burns

EMSL Order: 351606665 Customer ID: TEHC25

Customer PO: Project ID:

Phone: (312) 201-7700

Fax:

Received Date: 09/15/2016 9:40 AM

Analysis Date: 09/15/2016 **Collected Date**: 09/14/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc	Notes
1	TPA-N2-076-091416	9/14/2016	4722.96	<5.5	100	0.001	<7.01	<0.001	
351606665-0001									
2	TPA-S1-077-091416	9/14/2016	4663.42	<5.5	100	0.001	<7.01	<0.001	
351606665-0002									
3	TPA-SW-078-091416	9/14/2016	4539.45	<5.5	100	0.001	<7.01	<0.001	
351606665-0003									
4	TPA-W2-079-091416	9/14/2016	4745.73	<5.5	100	0.001	<7.01	<0.001	
351606665-0004									
5	FB-080	9/14/2016		<5.5	100		<7.01		Field Blank
351606665-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

George Sullivan PCM (5)

Rachel Travis, Laboratory Manager or Other Approved Signatory

EMEL

EMBL ANALYTICAL INC.

Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

(0665

EMSL ANALYTICAL, INC.

PHONE: (

Company : Tetra Tec	h			ISL-Bill to:					
Street: 1 S Wacker Di				lling requires written authorizati					
City: Chicago		te/Province: IL	Zip/Postal Code:	1	ntry: United States				
Report To (Name): C	· · · · · · · · · · · · · · · · · · ·								
		ile Dakei	Fax #:						
Telephone #: 312.20 312.201.7760	1,7719								
			Email Address: Chris.burns@tetratech.com Andre.baker@tetratech.com						
Project Name/Numbe	r: Tocon Propert	v Asbestos							
Please Provide Resu			•	U.S. State Samples Take	en: Indiana				
		urnaround Time (TAT)							
	Hour		72 Hour	96 Hour 1 Weel EM AHERA or EPA Level II TAT.					
an authorization fo	orm for this service. Ana	lysis completed in accordance	with EMSL's Terms ar	nd Conditions located in the Analy	tical Price Guide				
PCM - Air		<u>TEM – Air</u> ☐ 4-4.	•	7 TEM- Dust					
☑ NIOSH 7400		AHERA 40 CFF	R, Part 763	Microvac - ASTM					
w/ OSHA 8hr. TW/	<u> </u>	☐ NIOSH 7402		☐ Wipe - ASTM D64					
PLM - Bulk (reporting		☐ EPA Level II			(EPA 600/J-93/167)				
☐ PLM EPA 600/R-93	, ,	☐ ISO 10312		Soil/Rock/Vermiculi					
☐ PLM EPA NOB (<1	%)	TEM - Bulk			A (0.25% sensitivity)				
Point Count	000 (<0.194)	TEM EPA NOB	l (non friehle NIV)	PLM CARB 435 -	• • • • • • • • • • • • • • • • • • • •				
☐ 400 (<0.25%) ☐ 1000 (<0.1%) ☐ NYS NOB 198 Point Count w/Gravimetric ☐ Chatfield SOF			B.4 (non-friable-NY)						
			ysis-EPA 600 sec. :						
☐ NYS 198.1 (friable in NY)			-	☐ EPA Protocol (Qu	· ·				
NYS 198.6 NOB (r	•	Fibers >10µm							
☐ NIOSH 9002 (<1%	ŕ	All Fiber Sizes		·					
		or Positive Stop - Cle	arly Identify Hor	nogenous Group					
				$\bigcap \Omega_{i}$					
Samplers Name: Jase	on Cashmere		Samplers Signat	volume/Area (Air)					
Sample #		Sample Description		Date/Time Sampled					
1	TPA-N2-076-09141	c		4722.96L	9/14/16				
1	- +		· · · · · · · · · · · · · · · · · · ·						
2	TPA-S1-077-09141	6		4663.42L	9/14/16				
3	TPA-SW-078-0914	16		4539.45 L	9/14/16				
4	TPA-W2-079-0914	16		4745.73L	9/14/16				
5	FB-080				9/14/16				
6	- .								
7									
Client Sample # (s):				Total # of Samples:	5				
Relinquished (Client)	: JRn	Date:	9 14 16	Time	: 1605				
Received (Lab): ///	Claypour	FE Date:	9/15/16	Time	:9.40				
*** Please invoice De	nnis Linley (dlinley(ample has a 24 hr TAT Dotlaboratories.com) C	***NO TEM ANA	LYSIS*** SOSIL SO	23 5600				
Controlled Document - Asbestus COC - R	2 - 1/12/2010	-							



Suite 3700

1 South Wacker Dr.

Chicago, IL 60606

Project: Tocon Property Asbestos

Attention: Chris Burns

EMSL Order: 351606697 Customer ID: TEHC25

Customer PO: Project ID:

Phone: (312) 201-7700

Fax:

Received Date: 09/16/2016 9:30 AM

Analysis Date: 09/19/2016 **Collected Date**: 09/15/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc	Notes
1	TPA-N2-081-091516	9/15/2016	4656.00	<5.5	100	0.001	<7.01	<0.001	
351606697-0001									
2	TPA-S1-082-091516	9/15/2016	5060.00	<5.5	100	0.001	<7.01	<0.001	
351606697-0002									
3	TPA-SW-083-091516	9/15/2016	5292.00	<5.5	100	0.001	<7.01	<0.001	
351606697-0003									
4	TPA-W2-084-091516	9/15/2016	4993.00	<5.5	100	0.001	<7.01	<0.001	
351606697-0004									
5	FB-085	9/15/2016		<5.5	100		<7.01		Field Blank
351606697-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

George Sullivan PCM (5)

Rachel Travis, Laboratory Manager or Other Approved Signatory



Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

La G 7

97	
	<u> </u>

EMSL ANALYTICAL, INC.

PHONE: (

LABORATORY-PRODUCTS-TRAINING						FAX:			
Company : Tetra Tec	h				SL-Bill to: Same X o is Different note instructions in				
Street: 1 S Wacker D	rive			Third Party Bill	ing requires written authori	zation from third party			
City: Chicago		State/P	rovince: IL	Zip/Postal Code:	ountry: United States				
Report To (Name): C	hris Burns and A	Indre E	Baker	Fax #:					
Telephone #: 312.20 312.201.7760				Email Address: Chris.burns@tetratech.com Andre.baker@tetratech.com					
Project Name/Numbe	r: Tocon Prop	erty As	bestos						
Please Provide Resu		Email		•	U.S. State Samples T	aken: Indiana			
	VALUE		around Time (TAT)	Options* Please	Check				
		Hour	48 Hour	72 Hour [96 Hour				
"For IEM Air 3 hr through an authorization fo	o nr, piease call anes orm for this service. A	ad to sch Analvsis (edule." I nere is a premiu completed in accordance	m charge for 3 Hour TE. with EMSL's Terms and	M AMERA or EPA Level II TA I Conditions located in the A	AT. You will be asked to sign nativical Price Guide.			
PCM - Air				5hr TAT (AHERA only					
NIOSH 7400			AHERA 40 CFF	R, Part 763	Microvac - AS	TM D 5755			
W/ OSHA 8hr. TW/	4)	☐ NIOSH 7402	•	☐ Wipe - ASTM I	D6480			
PLM - Bulk (reporting	ı limit)		EPA Level II			tion (EPA 600/J-93/167)			
☐ PLM EPA 600/R-93			☐ ISO 10312		Soil/Rock/Vermio				
☐ PLM EPA NOB (<1	, ,		TEM - Bulk	·		5 - A (0.25% sensitivity)			
<u> </u>			☐ TEM EPA NOB			•			
☐ 400 (<0.25%) ☐ 1000 (<0.1%) ☐ NYS NOB 198.4									
Point Count w/Gravimetric Chatfield SOP			· (non masie iti)	1 " " " " " " " " " " " " " " " " " " "	5 - C (0.01% sensitivity)				
			ysis-EPA 600 sec. 2	***	(Semi-Quantitative)				
NYS 198.1 (friable in NY) TEM - Water: EPA				☐ EPA Protocol (·				
•			_		(dualitianivo)				
☐ NYS 198.6 NOB (non-friable-NY) Fibers >10μm ☐			,		·				
☐ NIOSH 9002 (<1%				Waste Drinking	1 1000				
	☐ Cneck	FOT P	ositive Stop – Cle	ariy identity Horr	ogenous Group				
Samplers Name: Jas	on Cashmere	·		Samplers Signati					
Sample #			Sample Description		Volume/Area (Ai HA # (Bulk)	r) Date/Time Sampled			
1	TPA-N2-081-091	1516		······································	4656L	9/15/16			
2	TPA-S1-082-091	1516			5060L	9/15/16			
3	TPA-SW-083-09	1516			5292L	9/15/16			
4	TPA-W2-084-09	1516			4993L	9/15/16			
5	FB-085		····	d-s-d-mlans		9/15/16			
6									
7									
Client Sample # (s):					Total # of Samples	s: 5			
Relinquished (Client)	ニングト		Date:	9 16 10	Ті	me: (645			
Received (Lab):	May poor	11.	Date:	9/16/16	Vele*** Soo	ime: 9:30			
	Comments/Special Instructions: PCM Sample has a 24 hr TAT ***NO TEM ANALYSIS*** 5094 /344 5072. *** Please invoice Dennis Linley (dlinley@ctlaboratories.com) CT Labs and Copy Report								



Suite 3700

1 South Wacker Dr.

Chicago, IL 60606

Project: Tocon Property Asbestos

Attention: Chris Burns

EMSL Order: 351606733 **Customer ID:** TEHC25

Customer PO: Project ID:

Phone: (312) 201-7700

Fax:

Received Date: 09/19/2016 9:05 AM

Analysis Date: 09/19/2016 **Collected Date**: 09/16/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc	Notes
1	TPA-N2-086-091616	9/16/2016	4598.72	<5.5	100	0.001	<7.01	<0.001	
351606733-0001									
2	TPA-S1-087-091616	9/16/2016	4462.50	<5.5	100	0.001	<7.01	<0.001	
351606733-0002									
3	TPA-SW-088-091616	9/16/2016	4118.64	<5.5	100	0.001	<7.01	<0.001	
351606733-0003									
4	TPA-W2-089-091616	9/16/2016	4464.90	<5.5	100	0.001	<7.01	<0.001	
351606733-0004									
5	FB-090	9/16/2016		<5.5	100		<7.01		Field Blank
351606733-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

George Sullivan PCM (5)

Rachel Travis, Laboratory Manager or Other Approved Signatory



Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

rder Number (Lab Use Only):
6733

PHONE: (FAX:

EMSL ANALYTICAL, INC.

				EMSL-Bill to: Sa	me M Diffe	emnt	
Company : Tetra Tec	h			Bill to is Different note inst			
Street: 1 S Wacker Dr	rive		Third Party	Billing requires written	authorization	from third party	
City: Chicago	Sta	ite/Province: IL	Zip/Postal Code: 60606 Country: United States				
Report To (Name): C	hris Burns and And	ire Baker	Fax #:	· · · · · · · · · · · · · · · · · · ·			
Telephone #: 312.20 312.201.7760	1.7719		Email Address Andre,baker@	: Chris.burns@ter tetratech.com	ratech.com	l	
Project Name/Numbe				11.0.01-0-			
Please Provide Resu		mail Purchase Order Furnaround Time (TAT)		U.S. State San	nples laker	n: Indiana	
	Hour 🛛 🗘 24 H	our 3 48 Hour	72 Hour	96 Hour	1 Week	2 Week	
*For TEM Air 3 hr through	6 hr, please call ahead to	o schedule *There is a premiu dysis completed in accordance	m charge for 3 Hour	TEM AHERA or EPA L	evel il TAT. Yo	ou will be asked to sign	
PCM - Air	THE CALL SOLVIOR PAIR	<u>TEM – Air</u> ☐ 4-4.				dar i noo Galae.	
		AHERA 40 CFF	R, Part 763	☐ Microva	- ac - ASTM D	5755	
w/ OSHA 8hr. TW/	4	☐ NIOSH 7402		☐ Wipe -	ASTM D648	0	
PLM - Bulk (reporting	limit)	☐ EPA Level II		☐ Carpet	Sonication (EPA 600/J-93/167)	
PLM EPA 600/R-93	, ,	☐ ISO 10312			Vermiculite	-	
PLM EPA NOB (<1	%)	TEM - Bulk		, —		(0.25% sensitivity)	
Point Count	; 200 (*0 40/)	TEM EPA NOB	l /aca friable NIV	l ===		(0.1% sensitivity)	
400 (<0.25%) 10 10 Point Count w/Gravime	•	NYS NOB 198.4	H (non-mable-lv f			(0.1% sensitivity) (0.01% sensitivity)	
☐ 400 (<0.25%) ☐ 10		1		i-Quantitative)			
NYS 198.1 (friable		otocol (Qua	· (
☐ NYS 198.1 (friable in NY) ☐ NYS 198.6 NOB (non-friable-NY) ☐ TEM – Water: EPA 100.2 ☐ Drinking							
☐ NIOSH 9002 (<1%)	All Fiber Sizes	Waste 🔲 Drini	ting 🔲 '			
	☐ Check F	or Positive Stop – Cle	arly Identify H	omogenous Gro	up		
Samplers Name: Jaso	on Cashmere		Samplers Sigr	nature:		-	
Sample #		Sample Description		V≨lume/A HA # (Date/Time Sampled	
1	TPA-N2-086-0916	16		4598.72L		9/16/16	
2	TPA-S1-087-0916	16		4462.50L		9/16/16	
3	TPA-SW-088-0916	316		4118.64L		9/16/16	
4	TPA-W2-089-0916	16		4464.90L		9/16/16	
5	FB-090					9/16/16	
6							
7							
Client Sample # (s):		-		Total # of S	amples:	5	
Relinquished (Client)	: JR~	Date:	9/10/16		Time:	1550	
Received (Lab):	yellia>	FE Date:	9/19/1	<u>6_</u>	Time:	9:05	
Comments/Special In	structions: PCM S	ample has a 24 hr TAT @ctlaboratories.com) 0		NALYSIS*** y Report			



Suite 3700

1 South Wacker Dr.

Chicago, IL 60606

Project: Tocon Property Asbestos

Attention: Chris Burns

EMSL Order: 351606785 **Customer ID:** TEHC25

Customer PO: Project ID:

Phone: (312) 201-7700

Fax:

Received Date: 09/20/2016 9:25 AM

Analysis Date: 09/20/2016 **Collected Date**: 09/19/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc	Notes
1	TPA-N1-091-091916	9/19/2016	3824.53	<5.5	100	0.001	<7.01	<0.001	
351606785-0001									
2	TPA-N2-092-091916	9/19/2016	3784.06	<5.5	100	0.001	<7.01	<0.001	
351606785-0002									
3	FB-93	9/19/2016		<5.5	100		<7.01		Field Blank
351606785-0003									

The results reported have been blank corrected as applicable.

Analyst(s):

George Sullivan PCM (3)

Rachel Travis, Laboratory Manager or Other Approved Signatory

EMSL ANALYTICAL, INC.

Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

6785

EMSL ANALYTICAL, INC.

PHONE: (

		·		Ci Dill to Come M.D.	:#a4			
Company : Tetra Ted	:h			SL-Bill to: Same 🔯 Do is Different note instructions in C				
Street: 1 S Wacker D)rive		Third Party Bill	ing requires written authorizat	ion from third party			
City: Chicago	State/F	Province: IL	Zip/Postal Code:		ntry: United States			
Report To (Name): (Chris Burns and Andre I	Baker	Fax #:					
Telephone #: 312.20 312.201.7760	01.7719		Email Address: (Andre.baker@tetr	Chris.burns@tetratech.co atech.com	om			
Project Name/Number								
Please Provide Resi		 	· · · · · · · · · · · · · · · · · · ·	U.S. State Samples Tak	en: Indiana			
3 Hour 6	Hour 🛛 24 Hour	around Time (TAT)	Options - Please	oneck 96 Hour	k			
*For TEM Air 3 hr through	n 6 hr, please call ahead to sci	hedule *There is a premiu	m charge for 3 Hour TEI	M AHERA or EPA Level II TAT.	You will be asked to sign			
an authorization f	orm for this service. Analysis	completed in accordance	e with EMSL's Terms and	d Conditions located in the Analy	tical Price Guide			
PCM - Air		l 	5hr TAT (AHERA only)	<u> </u>				
│ ☑ NIOSH 7400 │ ☑ W/OSHA 8hr. TW	A	AHERA 40 CF	R, Part 763	Microvac - ASTM				
		☐ NIOSH 7402		☐ Wipe - ASTM D6				
PLM - Bulk (reporting		EPA Level II			n (EPA 600/J-93/167)			
	•			Soil/Rock/Vermicul				
☐ PLM EPA NOB (<* Point Count	170)	TEM - Bulk			A (0.25% sensitivity)			
☐ 400 (<0.25%) ☐ 1	000 (<0.1%)	TEM EPA NOB	4 (non-friable-NY)	PLM CARB 435 -	• • • • • • • • • • • • • • • • • • • •			
Point Count w/Gravim	, ,	Chatfield SOP	+ (1011-1112016-141)	TEM CARB 435	· B (0.1% sensitivity) · C (0.01% sensitivity)			
☐ 400 (<0.25%) ☐ 1		1 =	lysis-EPA 600 sec. 2	1	,			
NYS 198.1 (friable	. ,	TEM - Water: EPA		☐ EPA Protocol (Qu	•			
					anualive)			
☐ NIOSH 9002 (<1%	ŕ	Fibers >10µm		Other.				
☐ MIOSH 9002 (~176		ositive Stop - Cle		ogenous Group				
-7-3		OSILITO OLOP — OLO		ogenous Group				
Samplers Name: And	ire Baker	·	Samplers Signatu	ire: and b				
Sample #		Sample Description	<u> </u>	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled			
1	#5 TPA-N\$-091-091	<i>V5</i>		30 m C3	04040			
	7 A	Q		20044.33	9/19/16			
2	TPA-N2-092-091616	<u> </u>		3784.06	9/19/16			
3	FB-93				9/19/16			
4	.,							
5								
6								
7								
Client Sample # (s):				Total # of Samples:	3			
Relinquished (Client)	:	Date:		Time):			
Received (Lab): 77/	Maypool FE	Date:	9/20/16	Time	: 9.25			
Comments/Special in	structions: PCM Samp nnis Linley (dlinley@ctl	ile has a 24 hr TAT	***NO TEM ANAL T Labs and Copy R	Time YSIS*** 5094 /34 eport	14 8050			
Controlled Document - Asbestos COC - R	2 – 1/12/2010							



Suite 3700

1 South Wacker Dr.

Chicago, IL 60606

Project: Tocon Property Asbestos

Attention: Chris Burns

EMSL Order: 351606839 Customer ID: TEHC25

Customer PO: Project ID:

Phone: (312) 201-7700

Fax:

Received Date: 09/21/2016 9:50 AM

Analysis Date: 09/22/2016 **Collected Date**: 09/20/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc	Notes
1	TPA-N2-094-092016	9/20/2016	5710.10	14	100	0.0005	17.8	0.001	
351606839-0001									
2	TPA-N1-095-092016	9/20/2016	5834.55	10.5	100	0.0005	13.4	0.001	
351606839-0002									
3	TPA-SW-096-092016	9/20/2016	5617.52	13.5	100	0.0005	17.2	0.001	
351606839-0003									
4	TPA-W2-097-092016	9/20/2016	5849.70) 6	100	0.0005	7.64	0.0005	
351606839-0004									

No discernable field blanks submitted with this sample set.

Analyst(s):

George Sullivan PCM (4)

Rachel Travis, Laboratory Manager or Other Approved Signatory

EMSL ANALYTICAL, INC.

Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

Order Number (Lab Use Only):

(0839

PHONE. (

EMSL ANALYTICAL INC.

EADORATORY-PHODOCTS: HOUSE					FAX.		
Company : Tetra Tec	sh			-Bill to: ☐ Same ☒ Di Different note instructions in Co			
Street: 1 S Wacker D	rive		Third Party Billing	requires written authorizati	on from third party		
City: Chicago	State/P	rovince: IL	Zip/Postal Code: 60606 Country: United St				
Report To (Name): C	hris Burns and Andre E	3aker	Fax #:				
Telephone #: 312.20 312.201.7760	1.7719		Email Address: Chr Andre.baker@tetrate	is.burns@tetratech.co ech.com	m		
Project Name/Numbe		bestos					
Please Provide Resu	ılts: 🗌 Fax 🔀 Email	Purchase Order		.S. State Samples Tak	en: Indiana		
			Options* – Please Cho				
	Hour 24 Hour 6 hr, please call shead to sch	48 Hour		96 Hour 1 1 Weel			
an authorization fo	orm for this service Analysis	completed in accordance	with EMSL's Terms and Co	onditions located in the Analy	tical Price Guide.		
PCM - Air		<u> </u>	5hr TAT (AHERA only)	TEM- Dust			
NIOSH 7400		AHERA 40 CFF	R, Part 763	Microvac - ASTM			
w/ OSHA 8hr. TW/		☐ NIOSH 7402		☐ Wipe - ASTM D64			
PLM - Bulk (reporting		EPA Level II		Carpet Sonication			
☐ PLM EPA 600/R-93	` '	ISO 10312		Soil/Rock/Vermiculi			
Point Count	170)	TEM - Bulk TEM EPA NOB		PLM CARB 435 -	• • • • • • • • • • • • • • • • • • • •		
☐ 400 (<0.25%) ☐ 1	000 (<0.1%)		I (non-friable-NY)	☐ PLM CARB 435 -			
Point Count w/Gravim	, ,	☐ Chatfield SOP	(Non mable-141)	TEM CARB 435 -			
400 (<0.25%) 1	000 (<0.1%)	TEM Mass Anal	ysis-EPA 600 sec. 2.5	☐ EPA Protocol (Se			
☐ NYS 198.1 (friable	in NY)	TEM - Water: EPA		☐ EPA Protocol (Qu	· · · · · · · · · · · · · · · · · · ·		
NYS 198.6 NOB (r	non-friable-NY)	Fibers >10µm	Waste Drinking	Other:			
☐ NIOSH 9002 (<1%)	All Fiber Sizes	Waste Drinking				
	☐ Check For P	ositive Stop – Cle	arly Identify Homog	enous Group			
Samplers Name: And	re Baker		Samplers Signature:				
Sample #		Sample Description		Volume/Area (Air) HA # (Bulk)	Date/Time Sampled		
1	TPA-N2-094-092016			5710.10	9/20/16		
2	TPA-N1-095-092016			5834,55	9/20/16		
3	TPA-SW-096-092016			5617.52	9/20/16		
4	TPA-W2-097-092016			5849.70	9/20/16		
5	FB-98 Samole	not Submi	Hed				
6	per A	not Submi nore Baker Kug 9/21/16					
7		KLG 9/21/16					
Client Sample # (s):		_		Total # of Samples:	5		
Relinquished (Client)	andle 1	Date:	9/20/16	Time			
Received (Lab):	Marpoof F	E Date:	9/21/16	Time	9.50		
Comments/Special In	structions: PCM Samp nnis Linley (dlinley@ctl	le has a 24 hr TAT	***NO TEM ANALYS T Labs and Copy Repo	SIS***			
ontrolled Document - Asbestos COC - R2	2-1/12/2010						



Suite 3700

1 South Wacker Dr.

Chicago, IL 60606

Project: Tocon Property Asbestos

Attention: Chris Burns

EMSL Order: 351606864 Customer ID: TEHC25

Customer PO: Project ID:

Phone: (312) 201-7700

Fax:

Received Date: 09/22/2016 9:50 AM

Analysis Date: 09/22/2016 **Collected Date**: 09/21/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc	Notes
1	TPA-N1-099-092116	9/21/2016	5827.41	12	100	0.0005	15.3	0.001	
351606864-0001									
2	TPA-N2-100-092116	9/21/2016	5161.28	13	100	0.001	16.6	0.001	
351606864-0002									
3	TPA-W1-101-092116	9/21/2016	5479.06	7.5	100	0.0005	9.55	0.001	
351606864-0003									
4	TPA-W2-102-092116	9/21/2016	5331.20	6	100	0.001	7.64	0.001	
351606864-0004									
5	FB-103	9/21/2016		<5.5	100		<7.01		Field Blank
351606864-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

George Sullivan PCM (5)

Rachel Travis, Laboratory Manager or Other Approved Signatory



Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

6864

PHONE: (Fax:

EMSL ANALYTICAL INC.

C		 -		Bill to: 🗌 Same 🗵 Di				
Company : Tetra Tec			ļ	Different note instructions in Co				
Street: 1 S Wacker D			i	equires written authorizati				
City: Chicago		rovince: IL	Zip/Postal Code: 60606 Country: United States					
Report To (Name): C	thris Burns and Andre E	Baker	Fax #:					
Telephone #: 312.20 312.201.7760	01.7719		Email Address: Chri Andre.baker@tetrate	s.burns@tetratech.co ch.com	om			
Project Name/Number								
Please Provide Resu				S. State Samples Tak	en: Indiana			
	Turna Hour ⊠ 24 Hour	around Time (TAT)	Options* – Please Che		c I □ 2 Week			
*For TEM Air 3 hr through	6 hr, please call ahead to sch	edule *There is a premiu	im charge for 3 Hour TEM AF	IERA or EPA Level II TAT.	You will be asked to sign			
an authonzation fo	orm for this service. Analysis	completed in accordance	e with EMSL's Terms and Co	nditions located in the Analy	tical Price Guide			
PCM - Air			5hr TAT (AHERA only)	TEM- Dust				
NIOSH 7400	_	AHERA 40 CFI	R, Part 763	Microvac - ASTM				
w/ OSHA 8hr. TW/		☐ NIOSH 7402		☐ Wipe - ASTM D6-				
PLM - Bulk (reporting		☐ EPA Level II		Carpet Sonication				
PLM EPA 600/R-93	` '	☐ ISO 10312		Soil/Rock/Vermiculi				
☐ PLM EPA NOB (<1	%)	TEM - Bulk		PLM CARB 435 -	` '			
Point Count	000 (-0 49/)	☐ TEM EPA NOB	4 (non fichia NNO	PLM CARS 435 -	•			
☐ 400 (<0.25%) ☐ 10 Point Count w/Gravimo		☐ NYS NOB 198.4	4 (non-mable-MY)	☐ TEM CARB 435 -	•			
400 (<0.25%) [] 10			lysis-EPA 600 sec. 2.5	EPA Protocol (Se	• • • • • • • • • • • • • • • • • • • •			
☐ NYS 198.1 (friable	, ,	TEM - Water: EPA		☐ EPA Protocol (Qu	•			
l — '	'		Vaste ☐ Drìnking	Other:	aninanve)			
☐ NYS 198.6 NOB (r	Ť	, —	Waste Drinking	Other.				
☐ NIOSH 9002 (<1%				Onesia Cressa				
	U Check For Po	ositive Stop - Cle	early Identify Homog	enous Group				
Samplers Name: And	ire Baker		Samplers Signature:					
Sample #		Sample Description)	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled			
1	TPA-N1-099-092116			5827.41	9/21/16			
2	TPA-N2-100-092116	·		5161.28	9/21/16			
3	TPA-W1-101-092116			5479.06	9/21/16			
4	TPA-W2-102-092116			5331.20	9/21/16			
5	FB-103	<u> </u>						
6								
7								
Client Sample # (s):		•		Total # of Samples:	5			
Relinquished (Client)	<u>:</u>	Date:		Time	2:			
Received (Lab): ///	Claupool F estructions: PCM Samp	E Date:	9/22/16	Time	: 950			
*** Please invoice De	nnis Linley (dlinley@ctl	aboratories.com) C	T Labs and Copy Repo	ort				



EMSL Analytical, Inc.

14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

http://www.EMSL.com minneapolislab@emsl.com EMSL Order: CustomerID:

ProjectID:

351606887 TEHC25

CustomerPO:

Chris Burns Tetra Tech, Inc.

1 South Wacker Dr.

Suite 3700 Chicago, IL 60606 Phone: Fax:

(312) 201-7700

Received:

09/22/16 9:30 AM

Analysis Date: Collected:

9/27/2016 9/20/2016

Project: Tocon Property Asbestos

Test Report: Asbestos Analysis of Air Samples by Transmission Electron Microscopy via NIOSH Method 7402

Sample	Volume (Liters)	Non Asbestos Fibers	PCM F/cc	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	7402 Adjusted (TEM) F/cc	Notes
1 351606887-0001	5710.10	4	0.001			0	<0.0005	Sample Description: TPA-N2-094-092016
2 351606887-0002	5834.55	4	0.001			0	<0.0005	Sample Description: TPA-N1-095-092016
3 351606887-0003	5617.52	2.5	0.001			0	<0.0005	Sample Description: TPA-SW-096-092016
4 351606887-0004	5849.70	2	0.001			0	<0.0005	Sample Description: TPA-W2-097-092016

NIOSH 7402 method only reports fibers $> 5\mu m$ in length and $> 0.25\mu m$ in width. This method requires a minimum of 2 field blank analyses per set. The above results are not blank corrected Average number of asbestos fibers on field blanks: n/a Average number of non-asbestos fibers on field blanks: n/a

Analyst(s)

Mark Erickson (4)

Rachel Travis, Laboratory Manager or other approved signatory

EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted. Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial report from 09/27/2016 17:02:36

Gerrits, Krista

From:

Baker, Andre < Andre.Baker@tetratech.com>

Sent:

Thursday, September 22, 2016 4:33 PM

To:

Gerrits, Krista

Subject:

RE: Request for TEM Analysis

Hi krista

That is correct please do TEM for this set of samples

Thank you

Sent from my T-Mobile 4G LTE Device

----- Original message -----

From: "Gerrits, Krista" < kgerrits@EMSL.com>

Date: 9/22/16 5:30 PM (GMT-05:00)

To: "Baker, Andre" < Andre. Baker@tetratech.com>

Subject: Request for TEM Analysis

Hi Andre,

am just following up to confirm that per our phone conversation this morning, you would like samples from EMSL Order ID 351606839 analyzed by TEM 7402 at a 1 week TAT.

Thank you,



Krista Gerrits | Administrative Assistant

EMSL Analytical, Inc. | 14375 23rd Avenue North | Minneapolis, MN 55447

Phone 763-449-4922 | Fax: 763-449-4924 | Toll Free: 866-736-4824 Lab Hours. Monday - Fnday 8AM - 8PM, Saturday-Sunday On-Call

Some of the resources EMSL Analytical, Inc. offers to our clients:

ABConnect | Order Products | Client Corner | Training | Additional Resources | Sampling Videos

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EMSL Analytical, Inc.

14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

http://www.EMSL.com minneapolislab@emsl.com EMSL Order: CustomerID:

351606908 TEHC25

CustomerPO: ProjectID:

Andre Baker Tetra Tech, Inc.

1 South Wacker Dr.

Suite 3700 Chicago, IL 60606 Phone: Fax:

(312) 201-7700

09/23/16 10:00 AM Received:

Analysis Date: 9/29/2016

Collected: 9/21/2016

Project: Tocon Property Asbestos

Test Report: Asbestos Analysis of Air Samples by Transmission Electron Microscopy via NIOSH Method 7402

Sample	Volume (Liters)	Non Asbestos Fibers	PCM F/cc	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	7402 Adjusted (TEM) F/cc	Notes
1 351606908-0001	5827.41	1	0.001			0	<0.0005	
2 351606908-0002	5161.28	5	0.001			0	<0.001	
3 351606908-0003	5479.06	2	0.001			0	<0.0005	
4 351606908-0004	5331.20	2	0.001			0	<0.001	

NIOSH 7402 method only reports fibers $> 5\mu m$ in length and $> 0.25\mu m$ in width. This method requires a minimum of 2 field blank analyses per set. The above results are not blank corrected Average number of asbestos fibers on field blanks: n/a Average number of non-asbestos fibers on field blanks: n/a

Analyst(s)

Mark Erickson (4)

Rachel Travis, Laboratory Manager or other approved signatory

EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted. Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial report from 09/29/2016 11:48:12

Total Tack Inc OrderID: 351606908 9/23/2016 10.0

TEM 7402

Order ID: 351606908 No Samples: #No due date

TAT: 1 Week

From: Travis, Rachel

Sent: Friday, September 23, 2016 11:39 AM

To: Baker, Andre

Cc: EMSL Lab - Minneapolis

Subject: RE: EMSL report, COC for order(s) 351606864 (351606864 - Tocon Property Asbestos)

Ok, we will run samples 99 – 102 by TEM for 1 week TAT, Thanks,



Rachel Travis | Laboratory Manager

EMSL Analytical, Inc. | 14375 23rd Avenue North | Minneapolis, MN 55447

Phone: 763-449-4922 | Fax: 763-449-4924 | Toll Free: 866-736-4824 Lab Hours: Monday - Friday 8AM - 6PM, Saturday-Sunday On-Call

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LABConnect | Order Products | Client Corner | Training | Additional Resources | Sampling Videos

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From: Baker, Andre [mailto:Andre.Baker@tetratech.com]

Sent: Friday, September 23, 2016 11:35 AM

To: Travis, Rachel

Subject: RE: EMSL report, COC for order(s) 351606864 (351606864 - Tocon Property Asbestos)

Hi, Rachel

Please run TEM even though they are .001 f/cc we are just trying to establish if any asbestos fibers are possibly migrating off the site. Run for all samples that had fibers detected regardless of the low f/cc.

Thank you

Sent from my T-Mobile 4G LTE Device

----- Original message -----

From: "Travis, Rachel" < rtravis@EMSL.com>

Date: 9/23/16 12:19 PM (GMT-05:00)

To: EMSL Lab - Minneapolis <minneapolislab@EMSL.com>, "Baker, Andre" <Andre.Baker@tetratech.com>,

"Sullivan, George" < gsullivan@EMSL.com>

Subject: RE: EMSL report, COC for order(s) 351606864 (351606864 - Tocon Property Asbestos)

Hi Andre,

For this order ID 351606864 – can you please specify which samples numbers you want analyzed by TEM? They all have detectable fibers, but all are 0.001 f/cc.

Thank you,



Rachel Travis | Laboratory Manager

EMSL Analytical, Inc. | 14375 23rd Avenue North | Minneapolis, MN 55447

Phone: 763-449-4922 | Fax. 763-449-4924 | Toll Free: 866-736-4824 Lab Hours: Monday - Friday 8AM - 6PM, Saturday-Sunday On-Call

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From: EMSL Lab - Minneapolis

Sent: Friday, September 23, 2016 10:48 AM

To: Travis, Rachel

Subject: FW: EMSL report, COC for order(s) 351606864 (351606864 - Tocon Property Asbestos)

See below



Mackenzie Claypool | Administrative Assistant

EMSL Analytical, Inc. | 14375 23rd Avenue North | Minneapolis, MN 55447

Phone: 763-449-4922 | Fax 763-449-4924 | Toll Free: 866-736-4824 Lab Hours Monday - Friday 8AM - 6PM, Saturday-Sunday On-Call

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From: Baker, Andre [mailto:Andre.Baker@tetratech.com]

Sent: Friday, September 23, 2016 10:03 AM To: Sullivan, George; EMSL Lab - Minneapolis

Subject: RE: EMSL report, COC for order(s) 351606864 (351606864 - Tocon Property Asbestos)

Hello,

Please Run TEM on ANY samples that have detected fibers with a 1 week TAT. Let me know if you have any questions.

Thank you!

From: EMSL (Minneapolis) [mailto:minneapolislab@emsl.com]

Sent: Friday, September 23, 2016 10:51 AM To: Burns, Chris <chris.burns@tetratech.com>

Cc: Baker, Andre Andre.Baker@tetratech.com; Cashmere, Jason <Jason.Cashmere@tetratech.com

Subject: EMSL report, COC for order(s) 351606864 (351606864 - Tocon Property Asbestos)

Report, COC for order(s):

351606864 - Tocon Property Asbestos



Suite 3700

1 South Wacker Dr.

Chicago, IL 60606

Project: Tocon Property Asbestos

Attention: Chris Burns

EMSL Order: 351606930 **Customer ID:** TEHC25

Customer PO: Project ID:

Phone: (312) 201-7700

Fax:

Received Date: 09/26/2016 9:15 AM

Analysis Date: 09/26/2016 **Collected Date**: 09/23/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc	Notes
1	TPA-S1-104-092316	9/23/2016	5337.22	11.5	100	0.001	14.6	0.001	
351606930-0001									
2	TPA-S2-105-092316	9/23/2016	5322.45	9	100	0.001	11.5	0.001	
351606930-0002									
3	TPA-SW-106-092316	9/23/2016	5369.53	6	100	0.001	7.64	0.001	
351606930-0003									
4	TPA-W2-107-092316	9/23/2016	5075.44	<5.5	100	0.001	<7.01	<0.001	
351606930-0004									
5	FB-108	9/23/2016		<5.5	100		<7.01		Field Blank
351606930-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

George Sullivan PCM (5)

Rachel Travis, Laboratory Manager or Other Approved Signatory



Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

6930

EMSL ANALYTICAL, INC.

PHONE. (FAX:

		Different note instructions in Co				
	Third Party Billing requires written authorization from third party					
State/Province: IL	Zip/Postal Code: 60606 Country: United States					
ndie bakei	Email Address: Ch		m			
		S State Samples Take	n: Indiana			
			iii. Aidiana			
Hour 48 Hour	72 Hour	96 Hour 1 Week				
id to schedule.*There is a premi Analysis completed in accordance	um charge for 3 Hour TEM A se with EMSL's Terms and C	HERA or EPA Level II TAT. Onditions located in the Analy	You will be asked to sign			
			dar i noo caras.			
			D 5755			
☐ NIOSH 7402		☐ Wipe - ASTM D64	80			
☐ EPA Level II		☐ Carpet Sonication	(EPA 600/J-93/167)			
☐ ISO 10312		Soil/Rock/Vermiculi	te			
TEM - Bulk		PLM CARB 435 -	A (0.25% sensitivity)			
☐ TEM EPA NOB	3	PLM CARB 435 -	B (0.1% sensitivity)			
☐ NYS NOB 198.	4 (non-friable-NY)	☐ TEM CARB 435 -	B (0.1% sensitivity)			
☐ Chatfield SOP			•			
		- -				
		· · · · · · · · · · · · · · · · · · ·	antitative)			
· ·	•	Other:				
	<u> </u>					
For Positive Stop – Cl	early Identify Homog	genous Group				
	Samplers Signature					
Sample Description	n	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled			
2316		533722	9/23/16			
2316		5322.45	9/23/16			
2316		5369.53	9/23/16			
2316		5075.44	9/23/16			
		Total # of Complex	5			
Date:	9/13/11					
? FE Date:	9/26/16	Time	: 9.15			
Sample has a 24 hr TAT	***NO TEM ANALY	SIS UNLESS FIBERS D	ETECTED***			
	erty Asbestos Email Purchase Orde Turnaround Time (TAT) Hour	Email Address: Chandre.baker@tetrate Email Purchase Order: Turnaround Time (TAT) Options* - Please Chandre. There is a premium charge for 3 Hour TEM Analysis completed in accordance with EMSL's Terms and	Email Address: Chris.burns@tetratech.com Perty Asbestos Email Purchase Order: U.S. State Samples Take Turnaround Time (TAT) Options* - Please Check Hour 48 Hour 72 Hour 96 Hour 1 Week do schedule. There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. Imalysis completed in accordance with EMSL's Terms and Conditions located in the Analysis completed in accordance with EMSL's Terms and Conditions located in the Analysis completed in accordance with EMSL's Terms and Conditions located in the Analysis completed in accordance with EMSL's Terms and Conditions located in the Analysis completed in accordance with EMSL's Terms and Conditions located in the Analysis completed in accordance with EMSL's Terms and Conditions located in the Analysis completed in accordance with EMSL's Terms and Conditions located in the Analysis completed in accordance with EMSL's Term AHERA or EPA Level II 1			



Suite 3700

1 South Wacker Dr.

Chicago, IL 60606

Project: Tocon Property Asbestos

Attention: Chris Burns

EMSL Order: 351606931 Customer ID: TEHC25

Customer PO: Project ID:

Phone: (312) 201-7700

Fax:

Received Date: 09/26/2016 9:15 AM

Analysis Date: 09/26/2016 **Collected Date**: 09/22/2016

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc	Notes
1	TPA-N1-104-092216	9/22/2016	5712.81	<5.5	100	0.0005	<7.01	<0.0005	
351606931-0001									
2	TPA-NE-105-092216	9/22/2016							Overloaded
351606931-0002									
3	TPA-W1-106-092216	9/22/2016	5664.54	7.5	100	0.0005	9.55	0.001	
351606931-0003									
4	TPA-W2-107-092216	9/22/2016	5398.40	16.5	100	0.0005	21.0	0.002	
351606931-0004									
5	FB-108	9/22/2016		<5.5	100		<7.01		Field Blank
351606931-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

George Sullivan PCM (5)

Rachel Travis, Laboratory Manager or Other Approved Signatory

EMSL ANALYTICAL, INC.

Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

PHONE: (FAX:

EMSL ANALYTICAL, INC.

				Met Balks Tio	M Dia			
Company : Tetra Tec	h		EMSL-Bill to: Same Different If Bill to is Different note instructions in Comments**					
Street: 1 S Wacker D	rive		Third Party Billing requires written authorization from third party					
City: Chicago	State	e/Province: IL	Zip/Postal Cod	e: 60606	Count	ry: United States		
Report To (Name): C	hris Burns and Andr	e Baker	Fax #:					
Telephone #: 312.20 312.201.7760			Email Address: Chris.burns@tetratech.com Andre.baker@tetratech.com					
Project Name/Numbe								
Please Provide Resu			r: U.S. State Samples Taken: Indiana Options* – Please Check					
3 Hour 6	Hour 🛛 24 Hou		Options – Pleas	se Check	1 Week	2 Week		
*For TEM Air 3 hr through	6 hr, please call ahead to	schedule. There is a premit	m charge for 3 Hour	TEM AHERA OF EPA L	evel (I TAT \	ou will be asked to sign		
en authorization fo	orm for this service. Analy	sis completed in accordance TEM - Air 4-4.				ical Price Guide.		
NIOSH 7400		☐ AHERA 40 CF		·	≛ ac - ASTM I	D 5755		
W/ OSHA 8hr. TW/	A	τ, τ απ του		ASTM D64				
PLM - Bulk (reporting		☐ EPA Level II		=== '		(EPA 600/J-93/167)		
PLM EPA 600/R-93		☐ ISO 10312			Vermiculit			
PLM EPA NOB (<1	` ,				(0.25% sensitivity)			
Point Count	•		l —		3 (0.1% sensitivity)			
400 (<0.25%) 1	000 (<0.1%)	☐ NYS NOB 198.	4 (non-friable-NY)	TEM C	ARB 435 - E	3 (0.1% sensitivity)		
Point Count w/Gravime		☐ Chatfield SOP		☐ TEM C	ARB 435 - (C (0.01% sensitivity)		
400 (<0.25%) 1 0		☐ TEM Mass Ana	lysis-EPA 600 se		-	ni-Quantitative)		
NYS 198.1 (friable	•	TEM - Water: EPA			rotocol (Qua	entitative)		
NYS 198.6 NOB (r	non-friable-NY)	Fibers >10µm						
☐ NIOSH 9002 (<1%		All Fiber Sizes						
	☐ Check For	Positive Stop - Cle	early Identify H	omogenous Gro	up			
Samplers Name: And	ire Baker		Samplers Sign					
Sample #		Sample Description	<u> </u>	Volume/A HA # (` '	Date/Time Sampled		
1	TPA-N1-104-092216	3		5712.8 1		9/22/16		
2	TPA-NE-105-09221	3	5604.80			9/22/16		
3	TPA-W1-106-09221	6		- 	64.54	9/22/16		
4	TPA-W2-107-09221	6		5398.40		9/22/16		
5	FB-108			·				
6						-		
7								
Client Sample # (s):				Total # of S	amples:	5		
Relinquished (Client)	: and h	Date:			Time:			
Received (Lab): K		FE Date:	9/26/	1/6	Time:	9:15		
Comments/Special In *** Please invoice De	nstructions: PCM Sai nnis Linley (dlinley@	mple has a 24 hr TAT ctlaboratories.com) 0	***NO TEM AI T Labs and Cop					
Controlled Doorsmant - Ashestos CCC - B								



Attn: Chris Burns

Suite 3700

Tetra Tech, Inc.

1 South Wacker Dr.

Chicago, IL 60606

EMSL Analytical, Inc.

14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

http://www.EMSL.com

minneapolislab@emsl.com

Phone:

(312) 201-7700

EMSL Order:

CustomerID:

CustomerPO:

ProjectID:

351606948

TEHC25

Fax:

Received:

09/26/16 1:00 PM

Analysis Date:

9/29/2016

Collected:

9/22/2016

Project: Tocon Property Asbestos

Test Report: Asbestos Analysis of Air Samples by Transmission Electron Microscopy via NIOSH Method 7402

Sample	Volume (Liters)	Non Asbestos Fibers	PCM F/cc	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	7402 Adjusted (TEM) F/cc	Notes
3 351606948-0001	5604.54	0.5	0.001			0	<0.0005	
4 351606948-0002	5398.40	1	0.002			0	<0.0005	

NIOSH 7402 method only reports fibers > 5µm in length and > 0.25µm in width. This method requires a minimum of 2 field blank analyses per set. The above results are not blank corrected Average number of asbestos fibers on field blanks: n/a Average number of non-asbestos fibers on field blanks: n/a

Arialysi(s)	
Mark Erickson (2)	

Rachel Travis, Laboratory Manager or other approved signatory

EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted. Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial report from 09/30/2016 09:20:49

Tetra Tech

Andre Baker

I WK TAT

TEM 7402

Samples from original Emsl Order 351606931:

TPA-W1-106-092216 TPA-W2-107-092216

Kyerris 9/26/16 1:00 pm



EMSL Analytical, Inc.

14375 23rd Avenue North, Minneapolis, Mn 55447

Phone/Fax: (763) 449-4922 / (763) 449-4924

http://www.EMSL.com

minneapolislab@emsl.com

(312) 201-7700 Phone:

EMSL Order:

CustomerID:

CustomerPO:

ProjectID:

351606954

TEHC25

Fax:

Received: 09/26/16 2:40 PM

Analysis Date: 9/29/2016

Collected: 9/23/2016

Chicago, IL 60606

Suite 3700

Chris Burns

Project: Tocon Property Asbestos

Tetra Tech, Inc.

1 South Wacker Dr.

Test Report: Asbestos Analysis of Air Samples by Transmission Electron Microscopy via NIOSH Method 7402

Sample	Volume (Liters) 5337.22	Non Asbestos Fibers	<i>PCM F/cc</i> 0.001	Asbestos Type(s)	Asbestos Fibers	Asbestos % of total	7402 Adjusted (TEM) F/cc <0.001	Notes
351606954-0001	5337.22	1.5	0.001			O	40.001	
2 351606954-0002	5322.45	2	0.001			0	<0.001	
3 351606954-0003	5369.53	2.5	0.001			0	<0.001	

NIOSH 7402 method only reports fibers > 5µm in length and > 0.25µm in width. This method requires a minimum of 2 field blank analyses per set. The above results are not blank corrected Average number of asbestos fibers on field blanks: n/a Average number of non-asbestos fibers on field blanks: n/a

Analyst(s) Mark Erickson (3)

Rachel Travis, Laboratory Manager or other approved signatory

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Initial report from 09/30/2016 09:26:12

Gerrits, Krista

From:

Gerrits, Krista

Sent:

Monday, September 26, 2016 2:49 PM

To:

'Andre.Baker@tetratech.com'

Cc:

Sullivan, George

Subject:

Tocon Property TEM

Good afternoon,

Fibers were detected in the following samples:

TPA-W1-106-092216

TPA-W2-107-092216

TPA-S1-104-092316 7 Original EMSL

TPA-S2-105-092316

Order

TPA-SW-106-092316 \

361606930

KLG 9/20/16

We will proceed with a TEM 7402 analysis at a 1 week TAT, unless instructed otherwise. Thank you,



Krista Gerrits | Administrative Assistant

EMSL Analytical, Inc. | 14375 23rd Avenue North | Minneapolis, MN 55447

Phone: 763-449-4922 | Fax: 763-449-4924 | Toll Free: 866-736-4824 Lab Hours: Monday - Friday 8AM - 6PM, Saturday-Sunday On-Call

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EMSL Order: 351607015 Customer ID: CTLA62

Customer PO: 122391 EMSL-MN

Project ID:

Phone: (608) 356-2760

Fax: (608) 356-2766

Received Date: 09/28/2016 9:40 AM

Analysis Date: 09/29/2016 **Collected Date**: 09/22/2016

Project: TOCON ASBESTOS

CT Laboratories

1230 Lange Court

Baraboo, WI 53913-3109

Attention: Brett Szymanski

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

		Non-Asbestos			
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
778648	TPA-BACKFILL-0922	Brown		100% Non-fibrous (Other)	None Detected
	16	Non-Fibrous			
351607015-0001		Homogeneous			

Analyst(s)

Miles DelBusso (1)

Rachel Travis, Laboratory Manager or Other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn NVLAP Lab Code 200019-0

Initial report from: 09/29/2016 17:16:40

7015

I L H B O R H T O R I E S

1230 Lange Court • Baraboo, Wi 53913 • 608-356-2760 www.ctlaboratories.com

Sub-Contract Laboratory Chain-of-Custody and Purchase Order

The PO# must appear on all invoice and reports!

122391 EMSL-MN

PURCHASE ORDER #

	EMSL - MN 14375 23rd Avenue North	€		Return Invoice and Results to:	and Results to		bszymanski@ctlaboratories.com	ies.com	
	Minneapolis, MN 55447	7				CTLaboratories	atories		
Date Due:	48-Hour TAT	RUSH TURNAH	ROUND NEEDI	VAROUND NEEDED? (Y) or N (Circle One)	rcle One)	1230 Lan	Brett M Szymanski 1230 Lange Court		
Project Name:	ne: TOCON ASBESTOS	S	<u>-</u>	Project State: IN	ا	Daraboo	Daraboo WI 33913		
Analytical/QC Criteria:		NONE INDICATED	STATE	DOD QSM	NELAP (Circle one)	Sircle one)	OTHER	EPA	
Report resul	Report results as EDD? (N) Y	Y (Circle one and in	indicate type:) Data De	Data Deliverable Package LEVEL∴	kage LEVEL:		
CTLabs ID#	≸ Sample Date/Time	Matrix	Samp	Sample Description		Analyses	Analyses / Method		Cost
778648	09/22/2016 1500	SOIL	TPA-B	TPA-BACKFILL-092216		ASBEST	ASBESTOS - PLM (EPA 600/R-93/116)	(-93/116)	
Relinquishe	Relinquished by: Sutt Sumande	Mi	Date	Date/Time: 09/27/2016 (5:30	15:30				
Received by	Received by: Mangary UPS	UPS	Date	Date/Time: $9/28//6940$ Receipt Temperature (C)	04601	✓ Receipt [*]	Temperature (C)		
	(2)	10 31	4263 4272	272				j	

REPORT ALL SOLIDS ON A DRY WEIGHT BASIS UNLESS OTHERWISE INDICATED



Suite 3700

1 South Wacker Dr.

Chicago, IL 60606

Project: Tocon Property Asbestos

Attention: Chris Burns

EMSL Order: 351607194 Customer ID: TEHC25

Customer PO: Project ID:

Phone: (312) 201-7700

Fax:

Received Date: 10/05/2016 9:35 AM

Analysis Date: 10/06/2016 **Collected Date**: 09/26/2016

Toot Poport: Fiber Count by Phace Contract Micro

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method, Revision 3, Issue 2, 8/15/94

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc	Notes
1	TPA-W2-118-092616	9/26/2016	3974.10	<5.5	100	0.001	<7.01	<0.001	
351607194-0001									
2	TPA-N1-115-092616	9/26/2016	2831.13	<5.5	100	0.001	<7.01	<0.001	
351607194-0002									
3	TPA-W1-117-092616	9/26/2016	3787.14	<5.5	100	0.001	<7.01	<0.001	
351607194-0003									
4	TPA-NE-116-092616	9/26/2016	3253.46	<5.5	100	0.001	<7.01	<0.001	
351607194-0004									
5	FB	9/26/2016		<5.5	100		<7.01		Field Blank
351607194-0005									

The results reported have been blank corrected as applicable.

Analyst(s):

George Sullivan PCM (5)

Rachel Travis, Laboratory Manager or Other Approved Signatory

*Following EMSL Analytical SOP Asbestos and Other Fibers by PCM. Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.35, 21-50 fibers = 0.30, 51-100 fibers = 0.20. The laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Minneapolis, Mn

Initial Report From: 10/06/2016 10:29:49



Asbestos Chain of Custody EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL INC

7194

PHONE: (FAX:

					01 0914 H 0 M D			
Company : Tetra Tech				EMSL-Bill to: Same Different If Bill to is Different note instructions in Comments**				
Street: 1 S Wacker D	rive			Third Party Billing requires written authorization from third party				
City: Chicago	Chicago State/Province: IL				60606 Cour	ntry: United States		
Report To (Name): C	hris Burns and	i Andre E	Baker	Fax #:				
Telephone #: 312.201.7719 312.201.7760				Email Address: Chris.burns@tetratech.com Andre.baker@tetratech.com				
Project Name/Numbe								
Please Provide Resu	itts: 🔲 Fax	⊠ Email			U.S. State Samples Take	en: Indiana		
3 Hour 6	Hour 🛛	Turn: 24 Hour	around Time (TAT) 48 Hour	Options* – Please	Check] 96 Hour 1 Week	2 Week		
*For TEM Air 3 hr through	6 hr, please call al	head to sch	edule *There is a premiu	m charge for 3 Hour TE	M AHERA or EPA Level II TAT.	You will be asked to sign		
an authorization fo	orm for this service.	Analysis	completed in accordance	with EMSL's Terms and	d Conditions located in the Analy	tical Price Guide.		
PCM - Air			· ———	5hr TAT (AHERA only)	=====================================			
NIOSH 7400 NIOSH 7400					Microvac - ASTM			
w/ OSHA 8hr. TW/	<u> </u>		NIOSH 7402		Wipe - ASTM D64			
	PLM - Bulk (reporting limit)				Carpet Sonication			
PLM EPA 600/R-93	, ,		ISO 10312		Soil/Rock/Vermiculi			
Point Count	70)	l	TEM - Bulk TEM EPA NOB		PLM CARB 435 -	` ,		
	000 (<0 1%)			(non-friable-NY)	☐ PLM CARB 435 -	· • • • • • • • • • • • • • • • • • • •		
Point Count w/Gravime			Chatfield SOP	* (HOH-HINDIG-(41)	l <u>—</u>	C (0.01% sensitivity)		
 400 (<0.25%) 1 0				ysis-EPA 600 sec. 2		•		
NYS 198.1 (friable	•		TEM - Water: EPA	· ···	· · · · · · · · · · · · · · · · · · ·	☐ EPA Protocol (Quantitative)		
☐ NYS 198.6 NOB (non-friable-NY)			Fibers >10µm					
☐ NiOSH 9002 (<1%)		All Fiber Sizes	Waste Drinking				
		k For P	ositive Stop - Cle	arly Identify Hom	ogenous Group			
Samplers Name: Andre Baker				Samplers Signature:				
Sample #			Sample Description	Volume/Area (Air) Date/T n HA # (Bulk) Samp				
1	TPA-W2-118-	002646			9/26/16			
1					3974.10			
2	TPA-N1-115-0	92616			19.25.15.15	9/26/16		
3	TPA-W1-117-	092616 <i>AS</i>			3787.14 AM	9/26/16		
4	TPA-NE-1164				3253 46 AE	9/26/16		
5	FB							
6								
7								
<u>-</u>		70.						
Client Sample # (s):	<u> </u>		_		I Total # of Samples:	5		
Relinquished (Client)	:		Date:		Time			
Received (Lab): 1770	Clarypoor	O F	ڪ Date:	10/5/16	Time	: 9:35		
Comments/Special In *** Please invoice De	structions: PC	M Samp	le has a 24 hr TAT		YSIS UNLESS FIBERS D			